



2021年版

船用电缆选型样本

SHIPBOARD CABLE CATALOGUE

安徽天康(集团)股份有限公司
ANHUI TIANKANG(GROUP) SHARES CO.,LTD

INNOVATION MAKES EXCELLENT

有 | 跨 | 越 | 才 | 有 | 卓 | 越



关于天康

- 长江宛如一条巨龙奔腾不息，在长江之滨的天长市有这样一颗璀璨的明珠——安徽天康（集团）股份有限公司，在经历了岁月的历练与洗礼后愈发闪耀夺目。

安徽天康（集团）股份有限公司创建于1974年，总部位于“长三角”经济圈核心区域——天长市，是中国民营企业制造业500强企业、中国电子信息百强企业、国家级守合同重信用企业、国家高新技术企业、安徽省依法纳税先进企业、银行资信AAA级企业、中国仪表行业十强企业、中国电线电缆十强企业、安徽省重点骨干企业、“全国五一劳动奖状”获得者等荣誉。

天康集团历经四十年的蓬勃发展，已形成集仪器仪表、光电缆、医疗卫生、锂电池等跨行业、多元化的集团公司，下属子公司达二十余家。旗下产品凭借良好的质量与服务，被广泛应用于石油、电力、化工、通讯、卫生、新能源汽车及储能等行业和领域。

作为皖东经济最具活力与贡献的骨干企业之一，天康集团以“追求卓越，缔造满意”为目标，依托一流的产品、一流的管理、一流的服务，不仅在国内市场中赢得了广泛赞誉；在国际市场中，天康产品远销欧洲、非洲、亚洲等46个国家和地区。

天康集团在发展中逐步形成了独特的品牌文化及着眼全球的经营布局，全力塑造“高科技、高品质、国际化”的品牌形象。始终秉承“有跨越才有卓越”的天康精神，在创建和谐企业的基础上，引进国际先进的构架与模式，组织企业的生产经营管理体系。在积极参与国际化竞争的基础上，不断把握市场发展脉搏，寻求经济战略联盟，与全球伙伴共同发展与进步。如今天康人将全新的投入化为无私的奉献，与世界共同发展，与人类一起进步。

打造百年天康 拉动千亿产业

引领中国民族工业发展，成为技术领先与产品领先型企业，
备受瞩目的国际化经营公司。





资质与荣誉

• 最强有力的资质与保障

长期的技术与实践经验积累，使天康集团确立了领先的行业地位，多年来公司不断丰富业务内容，以出众的技术实力和优质的服务赢得了广大客户的赞誉和行业权威机构的认可，先后获得了诸多优质资质和荣誉。



中国船级社
CHINA CLASSIFICATION SOCIETY
工厂认可证书
CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No.
JS20PWA00136_01

制造商/Manufacturer
安徽天康(集团)股份有限公司
Anhui Tiangkang (Group) Shares Co., Ltd

地址/Address
安徽天长市仁和南路20号
20 South Renhe Road, Tianchang, Anhui

产品名称/Product
船用低压电力电缆
Shipboard Low Voltage Power Cable

附加标志/Notations
无/Nil.

认可标准/Approval Standard
1. 中国船级社《钢质海船入级规范》(2018)及其修改通报第4篇第3章
Chapter 3, Part Four of China Classification Society Rules for Classification of Sea-Going Steel Ships 2018 and its Amendments
2. IEC 60092-350:2020《船舶电气设备安装第350部分:船舶与海上设施通用电力、控制和仪表电缆的通用结构和试验要求》
IEC 60092-350:2020 Electrical Installations in Ships-Part 350: General Construction and Test Methods of Power, Control and Instrumentation Cables for Shipboard and Offshore Applications
3. IEC 60092-376:2017《船舶电气设备安装第376部分:额定电压1kV和3kV电力电缆》
IEC 60092-376:2017 Electrical Installations in Ships-Part 376: Power Cables for Rated Voltages 1 kV and 3 kV

用于/Intended for
船舶与海上设施/Shipboard and Offshore Installations

产品描述/Product Description
船用低压电力电缆/Shipboard Low Voltage Power Cable (00001)

名称/Name	属性(值)/Value	单位/Unit
产品名称/Product Name	见附页/See additional pages	
型号/Type	见附页/See additional pages	
规格/Specification	见附页/See additional pages	
导体最高工作温度/Max. Temp. of Conductor	见附页/See additional pages	

证书有效期至/This Certificate is valid until
2025年01月29日/Jan. 29, 2025

发证机构 中国船级社江苏分社
Issued by CCS Jiangsu Branch

签发日期 2021年01月25日
Date Jan. 25, 2021

第 1 页共 3 页/ Page 1 of 3
Nº 21175091

中国船级社
CHINA CLASSIFICATION SOCIETY
工厂认可证书
CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No.
JS20PWA00136_02

制造商/Manufacturer
安徽天康(集团)股份有限公司
Anhui Tiangkang (Group) Shares Co., Ltd

地址/Address
安徽天长市仁和南路20号
20 South Renhe Road, Tianchang, Anhui

产品名称/Product
船用控制及仪表用电缆
Shipboard Cables for Control and Instrumentation Circuits

附加标志/Notations
无/Nil.

认可标准/Approval Standard
1. 中国船级社《钢质海船入级规范》(2018)及其修改通报第4篇第3章
Chapter 3, Part Four of China Classification Society Rules for Classification of Sea-Going Steel Ships 2018 and its Amendments
2. IEC 60092-350:2020《船舶电气设备安装第350部分:船舶与海上设施通用电力、控制和仪表电缆的通用结构和试验要求》
IEC 60092-350:2020 Electrical Installations in Ships-Part 350: General Construction and Test Methods of Power, Control and Instrumentation Cables for Shipboard and Offshore Applications
3. IEC 60092-376:2017《船舶电气设备安装第376部分:额定电压150V/250V/300V/380V/400V/500V/600V/660V/1000V/1100V/1200V/1500V/1800V/2000V/2200V/2400V/2700V/3000V/3300V/3600V/4000V/4500V/5000V/5500V/6000V/6600V/7200V/7500V/8000V/8500V/9000V/9500V/10000V/11000V/12000V/13000V/14000V/15000V/16000V/17000V/18000V/19000V/20000V/22000V/24000V/26000V/28000V/30000V/33000V/36000V/38000V/40000V/45000V/50000V/55000V/60000V/66000V/72000V/75000V/80000V/85000V/90000V/95000V/100000V/110000V/120000V/130000V/140000V/150000V/160000V/170000V/180000V/190000V/200000V/220000V/240000V/260000V/280000V/300000V/330000V/360000V/380000V/400000V/450000V/500000V/550000V/600000V/660000V/720000V/750000V/800000V/850000V/900000V/950000V/1000000V/1100000V/1200000V/1300000V/1400000V/1500000V/1600000V/1700000V/1800000V/1900000V/2000000V/2200000V/2400000V/2600000V/2800000V/3000000V/3300000V/3600000V/3800000V/4000000V/4500000V/5000000V/5500000V/6000000V/6600000V/7200000V/7500000V/8000000V/8500000V/9000000V/9500000V/10000000V/11000000V/12000000V/13000000V/14000000V/15000000V/16000000V/17000000V/18000000V/19000000V/20000000V/22000000V/24000000V/26000000V/28000000V/30000000V/33000000V/36000000V/38000000V/40000000V/45000000V/50000000V/55000000V/60000000V/66000000V/72000000V/75000000V/80000000V/85000000V/90000000V/95000000V/100000000V/110000000V/120000000V/130000000V/140000000V/150000000V/160000000V/170000000V/180000000V/190000000V/200000000V/220000000V/240000000V/260000000V/280000000V/300000000V/330000000V/360000000V/380000000V/400000000V/450000000V/500000000V/550000000V/600000000V/660000000V/720000000V/750000000V/800000000V/850000000V/900000000V/950000000V/1000000000V/1100000000V/1200000000V/1300000000V/1400000000V/1500000000V/1600000000V/1700000000V/1800000000V/1900000000V/2000000000V/2200000000V/2400000000V/2600000000V/2800000000V/3000000000V/3300000000V/3600000000V/3800000000V/4000000000V/4500000000V/5000000000V/5500000000V/6000000000V/6600000000V/7200000000V/7500000000V/8000000000V/8500000000V/9000000000V/9500000000V/10000000000V/11000000000V/12000000000V/13000000000V/14000000000V/15000000000V/16000000000V/17000000000V/18000000000V/19000000000V/20000000000V/22000000000V/24000000000V/26000000000V/28000000000V/30000000000V/33000000000V/36000000000V/38000000000V/40000000000V/45000000000V/50000000000V/55000000000V/60000000000V/66000000000V/72000000000V/75000000000V/80000000000V/85000000000V/90000000000V/95000000000V/100000000000V/110000000000V/120000000000V/130000000000V/140000000000V/150000000000V/160000000000V/170000000000V/180000000000V/190000000000V/200000000000V/220000000000V/240000000000V/260000000000V/280000000000V/300000000000V/330000000000V/360000000000V/380000000000V/400000000000V/450000000000V/500000000000V/550000000000V/600000000000V/660000000000V/720000000000V/750000000000V/800000000000V/850000000000V/900000000000V/950000000000V/1000000000000V/1100000000000V/1200000000000V/1300000000000V/1400000000000V/1500000000000V/1600000000000V/1700000000000V/1800000000000V/1900000000000V/2000000000000V/2200000000000V/2400000000000V/2600000000000V/2800000000000V/3000000000000V/3300000000000V/3600000000000V/3800000000000V/4000000000000V/4500000000000V/5000000000000V/5500000000000V/6000000000000V/6600000000000V/7200000000000V/7500000000000V/8000000000000V/8500000000000V/9000000000000V/9500000000000V/10000000000000V/11000000000000V/12000000000000V/13000000000000V/14000000000000V/15000000000000V/16000000000000V/17000000000000V/18000000000000V/19000000000000V/20000000000000V/22000000000000V/24000000000000V/26000000000000V/28000000000000V/30000000000000V/33000000000000V/36000000000000V/38000000000000V/40000000000000V/45000000000000V/50000000000000V/55000000000000V/60000000000000V/66000000000000V/72000000000000V/75000000000000V/80000000000000V/85000000000000V/90000000000000V/95000000000000V/100000000000000V/110000000000000V/120000000000000V/130000000000000V/140000000000000V/150000000000000V/160000000000000V/170000000000000V/180000000000000V/190000000000000V/200000000000000V/220000000000000V/240000000000000V/260000000000000V/280000000000000V/300000000000000V/330000000000000V/360000000000000V/380000000000000V/400000000000000V/450000000000000V/500000000000000V/550000000000000V/600000000000000V/660000000000000V/720000000000000V/750000000000000V/800000000000000V/850000000000000V/900000000000000V/950000000000000V/1000000000000000V/1100000000000000V/1200000000000000V/1300000000000000V/1400000000000000V/1500000000000000V/1600000000000000V/1700000000000000V/1800000000000000V/1900000000000000V/2000000000000000V/2200000000000000V/2400000000000000V/2600000000000000V/2800000000000000V/3000000000000000V/3300000000000000V/3600000000000000V/3800000000000000V/4000000000000000V/4500000000000000V/5000000000000000V/5500000000000000V/6000000000000000V/6600000000000000V/7200000000000000V/7500000000000000V/8000000000000000V/8500000000000000V/9000000000000000V/9500000000000000V/10000000000000000V/11000000000000000V/12000000000000000V/13000000000000000V/14000000000000000V/15000000000000000V/16000000000000000V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Page 1 / 3

 **BUREAU VERITAS**
Marine & Offshore

Certificate number: 52351/A0 BV
File number: ACE1848/1
Product code: 2505i
This certificate is not valid when presented without the full attached schedule composed of 7 sections
www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to
Anhui Tiankang (Group) Shares Co., Ltd.
Tianchang - CHINA

for the type of product
INSTRUMENTATION AND COMMUNICATION CABLES
CK and CH series
150/250V

Requirements:
Bureau Veritas Rules for the Classification of Steel Ships
IEC 60092-350 (2014), IEC 60092-360 (2014), IEC 60092-375 (2017)
IEC 60328 (2004)
IEC 60331-21 (1999)
IEC 60332-1-2 (2014), IEC 60332-3-22 (2008)
IEC 60332-2 (2011)
IEC 60754-1/2 (2011)
IEC 61034-1/2 (2013)

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 04 May 2023

For Bureau Veritas Marine & Offshore,
At BV SHANGHAI on 04 May 2018.
Jennifer Zhang

 

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) must be re-approved prior to being placed on board vessels to which the approved regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristar.com/veristar/bv/goview/PublicPdfTpyec.jsp?id=ce1848w7616>
BV Mod. Ad E 530 June 2017 This certificate consists of 3 page(s)

DNV-GL
Certificate No:
TAE00003BX

TYPE APPROVAL CERTIFICATE

This is to certify:
That the Low Voltage Cable
with type designation(s)
DWZR-CKEE80/DA-X105 250 V

Issued to
Anhui Tiankang (Group) Shares Co., Ltd.
Tianchang, China

Is found to comply with
DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :
Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Rated voltage (V) 150/250
Temp. class (°C) 90

Issued at Hamburg on 2019-01-15

This Certificate is valid until 2024-01-14.
DNV GL local station: **Nanjing**

Approval Engineer: **Carsten Hunsalz**

for DNV GL
Digitally Signed by: **Arne Schaarmann**, Arne
Location: DNV GL SE Hamburg, Germany
Issuing Date: 2019-01-17
Arne Schaarmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Form code: TA 251 Revision: 2016-12 www.dnvgl.com Page 1 of 3
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 **ABS**
FOUNDED 1920

CERTIFICATE NUMBER: 16-SQ1582741-PDA
DATE: 15

ABS TECHNICAL OFFICE
CN Shanghai ESO

CERTIFICATE OF DESIGN ASSESSMENT

This is to certify that a representative of this Bureau did, at the request of
ANHUI TIANKANG (GROUP) SHARES CO., LTD
assess design plans and data for the below listed product. This assessment is a representation of degree of compliance the design exhibits with applicable sections of the Rules. This assessment certification or classification procedures required by ABS Rules for products to be installed in facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope of this assessment are detailed on the pages attached to this certificate.

Product: **Cable, Medium Voltage**
Model: **CJPF Series**
This Product Design Assessment (PDA) Certificate 16-SQ1582741-PDA, dated 15 Nov/2016 remains valid until 15 Nov/2021 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the PDA used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING

Bin-Hong Wang
Manager

NOTES: This certificate certifies compliance with one or more of the Rules, Codes, standards or other criteria of ABS or a statutory referenced or manufacturer issued standard of ABS, as mentioned, in whole or other referenced codes. Any significant change to the design or construction of the product without approval from ABS will void this certificate. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-1.007-9 Terms and Conditions of the Request for Product Type Approval and Agreement (2015).

 **ABS**
FOUNDED 1920

CERTIFICATE NUMBER: 16-SQ1501653-PDA
DATE: 15

ABS TECHNICAL OFFICE
CN Shanghai ESO

CERTIFICATE OF DESIGN ASSESSMENT

This is to certify that a representative of this Bureau did, at the request of
ANHUI TIANKANG (GROUP) SHARES CO., LTD
assess design plans and data for the below listed product. This assessment is a representation of degree of compliance the design exhibits with applicable sections of the Rules. This assessment certification or classification procedures required by ABS Rules for products to be installed in facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope of this assessment are detailed on the pages attached to this certificate.

Product: **Cable, Power**
Model: **CJ Series and CE Series**
This Product Design Assessment (PDA) Certificate 16-SQ1501653-PDA, dated 15 Nov/2016 remains valid until 15 Nov/2021 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the PDA used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING

Bin-Hong Wang
Manager

NOTES: This certificate certifies compliance with one or more of the Rules, Codes, standards or other criteria of ABS or a statutory referenced or manufacturer issued standard of ABS, as mentioned, in whole or other referenced codes. Any significant change to the design or construction of the product without approval from ABS will void this certificate. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-1.007-9 Terms and Conditions of the Request for Product Type Approval and Agreement (2015).

 **ABS**
FOUNDED 1920

CERTIFICATE NUMBER: 16-SQ1582742-PDA
DATE: 15 Nov 2016

ABS TECHNICAL OFFICE
CN Shanghai ESO

CERTIFICATE OF DESIGN ASSESSMENT

This is to certify that a representative of this Bureau did, at the request of
ANHUI TIANKANG (GROUP) SHARES CO., LTD
assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: **Cable, Control, Signal and Instrumentation**
Model: **CKJ Series, CKE Series, CHJ Series**
This Product Design Assessment (PDA) Certificate 16-SQ1582742-PDA, dated 15 Nov/2016 remains valid until 14 Nov/2021 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

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AMERICAN BUREAU OF SHIPPING

Bin-Hong Wang
Manager

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船用电缆选型样本

目 录

一、中压电力电缆 (3.6/6kV, 6/10kV, 8.7/15kV, 12/20kV)

交联聚乙烯 (XLPE) 绝缘 阻燃 01

CJPF/SC系列

CJPF86/SC系列

CJPF96/SC系列

二、低压电力与照明电缆 (0.6/1kV)

交联聚乙烯 (XLPE) 绝缘 阻燃 04

CJ86/SC系列

CJ96/SC系列

CJ85/SC系列

CJ95/SC系列

CJPJ/SC系列

CJPJ85/SC系列

CJPJ95/SC系列

CJPJ80/SC系列

CJPJ90/SC系列

CJPF/SC系列

CJPFR/SC系列

CJPF83/SC系列

CJPF86/SC系列

CJPF93/SC系列

CJPF96/SC系列

CJPF80/SC系列

CJPF90/SC系列

CJPFR85/SC系列

CJPJR85/SC系列

CJPFR86/SC系列

CJPJR95/SC系列

CJV/SA系列

CJVR/SA系列

CJV80/SA系列

CJV90/SA系列

CJV82/SA系列

CJV92/SA系列

交联聚乙烯 (XLPE) 绝缘 耐火 13

CJ86/NC系列

CJ96/NC系列

CJ85/NC系列
CJ95/NC系列
CJPJ/NC系列
CJPJ85/NC系列
CJPJ95/NC系列
CJPJ80/NC系列
CJPJ90/NC系列
CJPF/NC系列
CJPFR/NC系列
CJPF83/NC系列
CJPF86/NC系列
CJPF93/NC系列
CJPF96/NC系列
CJPF80/NC系列
CJPF90/NC系列
CJPFR85/NC系列
CJPJR85/NC系列
CJPFR86/NC系列
CJPJR95/NC系列
CJV/NA系列
CJVR/NA系列
CJV80/NA系列
CJV90/NA系列
CJV82/NA系列
CJV92/NA系列

乙丙橡胶（EPR）绝缘 阻燃 19

CEPF/SC系列
CEPF86/SC系列
CEPF96/SC系列
CEPF80/SC系列
CEPF90/SC系列
CEPJ/SC系列
CEPJ85/SC系列
CEPJ95/SC系列
CEPJ80/SC系列
CEPJ90/SC系列
CEF/SA系列
CEFR/SA系列
CEF80/SA系列
CEF90/SA系列

乙丙橡胶（EPR）绝缘 耐火 27

CEPF/NC系列
CEPF86/NC系列
CEPF96/NC系列
CEPF80/NC系列

CEPF90/NC系列
CEPJ/NC系列
CEPJ85/NC系列
CEPJ95/NC系列
CEPJ80/NC系列
CEPJ90/NC系列
CEF/NA系列
CEFR/NA系列
CEF80/NA系列
CEF90/NA系列

三、通信和仪表电缆 (150/250V)

交联聚乙烯 (XLPE) 绝缘 阻燃 31

CHJ86/SC系列
CHJ96/SC系列
CHJ85/SC系列
CHJ95/SC系列
CHJPF/SC系列
CHJPF86/SC系列
CHJPF96/SC系列
CHJPF80/SC系列
CHJPF90/SC系列
CHJPFP/SC系列
CHJPFP85/SC系列
CHJPFP86/SC系列
CHJPFP95/SC系列
CHJPFP96/SC系列
CHJPFP80/SC系列
CHJPFP90/SC系列
CHJPJ/SC系列
CHJPJ85/SC系列
CHJPJ95/SC系列
CHJPJ80/SC系列
CHJPJ90/SC系列
CHJPJP/SC系列
CHJPJP85/SC系列
CHJPJP95/SC系列
CHJPJP80/SC系列
CHJPJP90/SC系列
CHJV/SA系列
CHJV82/SA系列
CHJV92/SA系列
CHJV80/SA系列
CHJV90/SA系列
CHJVP/SA系列

CHJVP82/SA系列

CHJVP92/SA系列

CHJVP80/SA系列

CHJVP90/SA系列

交联聚乙烯 (XLPE) 绝缘耐火 55

CHJ86/NC系列

CHJ96/NC系列

CHJ85/NC系列

CHJ95/NC系列

CHJPF/NC系列

CHJPF86/NC系列

CHJPF96/NC系列

CHJPF80/NC系列

CHJPF90/NC系列

CHJPFP/NC系列

CHJPFP85/NC系列

CHJPFP86/NC系列

CHJPFP95/NC系列

CHJPFP96/NC系列

CHJPFP80/NC系列

CHJPFP90/NC系列

CHJPJ/NC系列

CHJPJ85/NC系列

CHJPJ95/NC系列

CHJPJ80/NC系列

CHJPJ90/NC系列

CHJPJP/NC系列

CHJPJP85/NC系列

CHJPJP95/NC系列

CHJPJP80/NC系列

CHJPJP90/NC系列

CHJV/NA系列

CHJV82/NA系列

CHJV92/NA系列

CHJV80/NA系列

CHJV90/NA系列

CHJVP/NA系列

CHJVP82/NA系列

CHJVP92/NA系列

CHJVP80/NA系列

CHJVP90/NA系列

四、控制电缆 (150/250V)

交联聚乙烯 (XLPE) 绝缘 阻燃 79

- CKJ86/SC系列
- CKJ96/SC系列
- CKJ85/SC系列
- CKJ95/SC系列
- CKJPF/SC系列
- CKJPF86/SC系列
- CKJPF96/SC系列
- CKJPF80/SC系列
- CKJPF90/SC系列
- CKJPJ/SC系列
- CKJPJ85/SC系列
- CKJPJ95/SC系列
- CKJPJ80/SC系列
- CKJPJ90/SC系列
- CKJPF83/SC系列
- CKJPF93/SC系列
- CKJV/SA系列
- CKJV80/SA系列
- CKJV90/SA系列
- CKJV82/SA系列
- CKJV92/SA系列

交联聚乙烯 (XLPE) 绝缘 耐火 87

- CKJ86/NC系列
- CKJ96/NC系列
- CKJ85/NC系列
- CKJ95/NC系列
- CKJPF/NC系列
- CKJPF86/NC系列
- CKJPF96/NC系列
- CKJPF80/NC系列
- CKJPF90/NC系列
- CKJPJ/NC系列
- CKJPJ85/NC系列
- CKJPJ95/NC系列
- CKJPJ80/NC系列
- CKJPJ90/NC系列
- CKJPF83/NC系列
- CKJPF93/NC系列
- CKJV/NA系列
- CKJV80/NA系列
- CKJV90/NA系列
- CKJV82/NA系列
- CKJV92/NA系列

乙丙橡胶（EPR）绝缘 阻燃 95

- CKEPF/SC系列
- CKEPF86/SC系列
- CKEPF96/SC系列
- CKEPF80/SC系列
- CKEPF90/SC系列
- CKEPJ/SC系列
- CKEPJ85/SC系列
- CKEPJ95/SC系列
- CKEPJ80/SC系列
- CKEPJ90/SC系列
- CKEF/SA系列
- CKEF80/SA系列
- CKEF90/SA系列

乙丙橡胶（EPR）绝缘 耐火 99

- CKEPF/NC系列
- CKEPF86/NC系列
- CKEPF96/NC系列
- CKEPF80/NC系列
- CKEPF90/NC系列
- CKEPJ/NC系列
- CKEPJ85/NC系列
- CKEPJ95/NC系列
- CKEPJ80/NC系列
- CKEPJ90/NC系列
- CKEF/NA系列
- CKEF80/NA系列
- CKEF90/NA系列

五、技术参数 103

CJPJ/SC系列, CJPF/SC系列

交联聚乙烯绝缘低烟无卤中压电力电缆

XLPE insulated halogen-free low-smoke shipboard medium voltage power cable

图例 **Example:**

CJPJ85/SC
3X120



额定电压: **3.6/6(7.2)kV**

Rated Voltage:

6/10(12)kV

8.7/15(17.5)kV

12/20(24)kV

工作温度: **90℃**

Operating temperature:

用途 **Application**

固定敷设于中压电气系统;

Fixed installation for medium voltage (MV) power system in both EX-and safe areas, general purposes.

执行标准 **Standards applied**

IEC 60092-354	- 设计	Design
IEC 60228 Class2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke
IEC 60092-350	- 结构	Structure

结构 **Construction**

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜, IEC 60228 Class 2 Stranded annealed copper (STC), IEC 60228 Class 2
导体屏蔽 Conductor screen		挤包半导体材料 Extruded semiconductive layer
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360(XLPE)
绝缘屏蔽 Insulation screen		挤包半导体材料, 外包铜带 Extruded semiconductive layer and having copper tape over it
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		红色 Red
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CJPJ85/SC,CJPJ95/SC,CJPF86/SC,CJPF96/SC 3.6/6(7.2)kV

芯数&截面积 No. of cores& Cross section	外径 Overall diameter		大约重量 Approx. weight	
	标称值 Nominal value	最大值 Maximum value	CJPJ85/SC	CJPJ95/SC
mm ²	mm		kg/km	
1x10	19.2	21.0	630	615
1x16	20.9	23.0	750	734
1x25	22.7	25.0	900	882
1x35	25.7	28.0	1050	1029
1x50	27.1	29.5	1230	1208
1x70	29.2	31.5	1510	1486
1x95	31.4	33.5	1840	1814
1x120	33.8	36.0	2170	2142
1x150	34.7	37.5	2490	2461
1x185	37.6	40.5	3040	3009
1x240	40.2	43.0	3710	3677
1x300	43.2	46.0	4430	4394
3x10	35.4	38.0	2540	2511
3x16	44.8	47.5	2900	2863
3x25	48.1	51.0	3470	3430
3x35	50.9	54.0	4050	4007
3x50	54.3	57.5	4720	4674
3x70	58.7	62.0	5800	5750
3x95	63.2	67.0	7050	6996
3x120	67.3	71.0	8230	8173
3x150	69.9	73.5	9460	9400
3x185	75.8	80.0	10630	10565

CJPJ85/SC,CJPJ95/SC,CJPF86/SC,CJPF96/SC 6/10(12)kV

芯数&截面积 No. of cores& Cross section	外径 Overall diameter		大约重量 Approx. weight	
	标称值 Nominal value	最大值 Maximum value	CJPJ85/SC	CJPJ95/SC
mm ²	mm		kg/km	
1x16	23.7	26.0	820	801
1x25	25.2	27.5	950	930
1x35	26.5	28.5	1100	1079
1x50	27.9	30.0	1270	1248
1x70	30.1	32.5	1570	1546
1x95	32.1	34.1	1910	1884
1x120	33.8	36.0	2230	2202
1x150	36.2	39.0	2640	2601
1x185	38.4	41.0	3110	3068
1x240	40.8	43.5	3810	3765
1x300	43.7	47.0	4510	4462
3x16	46.7	50.0	3120	3068
3x25	50.1	53.5	3700	3644
3x35	52.8	56.0	4270	4211
3x50	55.9	59.5	4960	4897
3x70	60.3	64.0	6030	5962
3x95	65.1	69.5	7320	7247
3x120	68.9	73.0	8500	8422
3x150	72.8	77.5	9760	9677
3x185	77.6	82.5	11070	10982

CJPJ85/SC,CJPJ95/SC,CJPF86/SC,CJPF96/SC 8.7/15(17.5)kV

芯数&截面积 No. of cores& Cross section	外径 Overall diameter		大约重量 Approx. weight	
	标称值 Nominal value	最大值 Maximum value	CJPJ85/SC	CJPJ95/SC
mm ²	mm		kg/km	
1x25	27.7	30.0	1080	1058
1x35	29.3	31.5	1240	1216
1x50	30.6	33.0	1430	1405
1x70	32.4	34.5	1720	1694
1x95	34.4	36.5	2070	2042
1x120	36.8	39.0	2490	2450
1x150	37.4	40.0	2840	2799
1x185	40.7	43.5	3280	3235
1x240	41.2	44.0	3990	3945
1x300	44.0	47.0	4720	4672
3x25	55.5	59.0	4350	4288
3x35	58.6	62.0	4970	4904
3x50	61.7	65.5	5670	5601
3x70	66.0	70.0	6780	6706
3x95	70.6	75.0	8110	8030
3x120	74.3	78.5	9330	9246
3x150	78.4	83.0	10630	10541
3x185	84.1	89.0	13460	13364

CJPJ85/SC,CJPJ95/SC,CJPF86/SC,CJPF96/SC 12/20(24)kV

芯数&截面积 No. of cores& Cross section	外径 Overall diameter		大约重量 Approx. weight	
	标称值 Nominal value	最大值 Maximum value	CJPJ85/SC	CJPJ95/SC
mm ²	mm		kg/km	
1x35	30.6	33.0	1600	1575
1x50	32.1	34.5	1805	1779
1x70	34.2	36.5	2205	2177
1x95	36.4	38.5	2600	2570
1x120	38.1	40.5	2930	2888
1x150	40.0	43.0	3415	3371
1x185	42.0	45.0	3895	3849
1x240	45.2	48.0	4650	4600
1x300	46.9	50.0	5425	5373
3x35	61.2	64.5	5025	4956
3x50	65.3	69.0	5700	5626
3x70	68.7	72.5	6735	6657
3x95	73.6	78.0	7985	7902
3x120	77.1	81.5	9110	9022
3x150	80.4	85.0	10640	10549
3x185	85.0	90.0	12235	12138

注：上述参数仅供参考，如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CJPJ/SC系列, CJPF/SC系列

0.6/1kV

交联聚乙烯绝缘低烟无卤电力电缆

XLPE insulated halogen-free low-smoke shipboard power cable

图例 Example:

CJPJ85/SC
3X120



型号: CJPJ/SC

Type: CJPJ80/SC

CJPJ90/SC

CJPJ85/SC

CJPJ95/SC

CJPF/SC

CJPF80/SC

CJPF90/SC

CJPF86/SC

CJPF96/SC

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

IEC 60092-353	- 设计 Design
IEC 60228 Class 2	- 导体 Conductor
IEC 60092-360	- 绝缘 Insulation
IEC 60092-360	- 护套 Sheath
IEC 60332-3-22	- 阻燃 Flame Retardant
IEC 60754	- 无卤 Halogen Free
IEC 61034	- 低烟 Low Smoke
IEC 60092-350	- 结构 Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC) IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CJV/SA系列

0.6/1kV

交联聚乙烯绝缘电力电缆
XLPE insulated shipboard power cable

图例 Example:

CJV82/SA
3X120



型号: CJV/SA
Type: CJV80/SA
CJV90/SA
CJV82/SA
CJV92/SA

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

执行标准 Standards applied

- | | | |
|-------------------|------|-----------------|
| IEC 60092-353 | - 设计 | Design |
| IEC 60228 Class 2 | - 导体 | Conductor |
| IEC 60092-360 | - 绝缘 | Insulation |
| IEC 60092-360 | - 护套 | Sheath |
| IEC 60332-3-22 | - 阻燃 | Flame Retardant |
| IEC 60092-350 | - 结构 | Structure |

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC),IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CJPJ/SC, CJPF/SC系列

(CJV系列参照使用)

芯数x截面 No. of cores x sectional area	CJPJ/SC, CJPF/SC			CJPJ80/SC, CJPF80/SC CJPJ90/SC, CJPF90/SC				CJPJ85/SC, CJPF86/SC CJPJ95/SC, CJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No. x mm ²	Nom.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1 x 1	4.9	5.8	35	5.9	6.7	66	63	7.9	8.9	103	99
1 x 1.5	5.2	6.0	42	6.2	7.2	75	71	8.2	9.2	112	108
1 x 2.5	5.7	6.4	59	6.7	7.6	97	93	8.7	9.6	136	131
1 x 4	6.3	7.2	78	7.3	8.2	120	115	9.3	10.5	162	158
1 x 6	6.8	7.8	101	7.8	8.8	147	142	9.8	11.0	191	186
1 x 10	8.1	9.2	154	9.1	10.5	210	204	11.1	12.5	257	251
1 x 16	9.3	10.5	224	10.3	11.5	290	283	12.3	14.0	338	332
1 x 25	10.8	12.5	330	12.3	14.0	442	430	14.3	16.0	497	485
1 x 35	12.5	14.0	448	14.0	15.5	579	566	16.2	18.0	642	629
1 x 50	13.9	15.5	586	15.4	17.0	736	721	17.6	19.5	803	788
1 x 70	16.1	18.0	822	17.6	19.5	1001	984	19.8	21.5	1078	1061
1 x 95	18.4	20.5	1115	19.9	22.0	1327	1308	22.3	24.5	1403	1384
1 x 120	20.2	22.0	1387	21.7	23.5	1628	1606	24.1	26.0	1712	1691
1 x 150	22.0	24.0	1683	23.5	25.5	1953	1930	26.1	28.0	2032	2009
1 x 185	24.2	26.5	2087	25.7	28.0	2395	2370	28.3	31.0	2485	2460
1 x 240	27.5	29.5	2722	29.0	31.0	3088	3060	31.8	34.0	3166	3138
1 x 300	30.3	32.5	3382	32.3	34.5	3890	3848	35.3	37.5	3974	3932
2 x 1	7.6	8.6	66	8.6	9.8	115	109	10.6	12.0	165	159
2 x 1.5	8.2	9.6	84	9.2	10.5	138	132	11.2	13.0	189	183
2 x 2.5	9.4	10.5	113	10.4	11.5	174	167	12.4	13.5	228	221
2 x 4	10.6	12.0	152	12.1	13.5	253	242	14.1	15.5	315	303
2 x 6	11.8	13.0	204	13.3	15.0	318	305	15.3	17.0	384	371
2 x 10	14.6	16.0	317	16.1	18.0	459	443	18.3	20.0	542	526
2 x 16	16.8	18.5	459	18.3	20.5	626	608	20.7	23.0	723	706
2 x 25	20.0	22.0	684	21.5	23.5	888	867	23.9	26.0	1008	987
2 x 35	23.2	25.0	922	24.7	27.0	1164	1139	27.3	29.5	1290	1266
2 x 50	25.8	28.0	1203	27.3	29.5	1480	1453	30.1	32.5	1624	1597
2 x 70	30.6	33.0	1708	32.6	35.5	2136	2094	35.6	38.5	2311	2268
2 x 95	35.0	38.0	2305	37.0	40.5	2810	2762	40.2	43.5	3008	2959
2 x 120	38.6	41.5	2873	40.6	43.5	3445	3392	44.0	47.5	3661	3608
2 x 1+E	8.0	9.2	83	9.0	10.5	135	129	11.0	12.5	186	180
2 x 1.5+E	8.9	10.0	107	9.9	11.5	165	158	11.7	13.0	219	213
2 x 2.5+E	10.0	11.0	148	11.0	12.0	244	233	13.0	14.5	301	290
2 x 4+E	11.5	12.5	208	13.0	14.5	319	307	15.0	16.5	383	370
2 x 6+E	12.5	14.0	275	14.0	15.5	398	384	16.2	18.0	473	459
2 x 10+E	15.5	17.0	435	17.0	19.0	590	574	19.2	21.0	672	655
2 x 16+E	17.9	20.0	638	19.4	21.5	823	804	21.8	24.0	920	901
3 x 25+E	22.8	25.0	874	24.3	26.5	1109	1085	26.9	29.0	1065	1042
3 x 35+E	26.7	29.0	1216	28.2	30.5	1500	1472	31.0	33.5	1439	1411
3 x 50+E	29.0	31.5	1495	30.5	33.0	1811	1781	33.5	36.5	1736	1707
3 x 70+E	34.3	37.0	2110	36.3	39.5	2597	2550	39.5	42.5	2491	2444
3 x 95+E	39.3	42.5	2852	41.3	44.5	3429	3375	44.7	48.0	3286	3232
3 x 120+E	43.9	47.5	3656	45.9	49.5	4322	4263	49.5	53.0	4139	4080
3 x 1	8.0	9.2	83	9.0	10.5	135	129	11.0	12.5	186	180
3 x 1.5	8.9	10.0	107	9.9	11.5	165	158	11.7	13.0	219	213
3 x 2.5	10.0	11.0	148	11.0	12.0	244	233	13.0	14.5	301	290
3 x 4	11.5	12.5	208	13.0	14.5	319	307	15.0	16.5	383	370
3 x 6	12.5	14.0	275	14.0	15.5	398	384	16.2	18.0	473	459
3 x 10	15.6	17.0	435	17.1	19.0	590	574	19.3	21.0	672	655
3 x 16	17.9	20.0	638	19.4	21.5	823	804	21.8	24.0	920	901
3 x 25	21.4	24.0	962	22.9	25.5	1190	1168	25.5	28.0	1305	1283
3 x 35	25.0	27.0	1317	26.5	28.5	1593	1567	29.3	31.5	1725	1699
3 x 50	27.8	30.5	1726	29.3	32.0	2045	2016	32.1	35.0	2175	2147
3 x 70	32.9	35.5	2457	34.9	38.0	2947	2902	38.1	41.0	3119	3074
3 x 95	37.7	41.0	3330	39.7	43.0	3915	3864	43.1	46.5	4104	4053
3 x 120	41.5	45.0	4154	43.5	47.0	4822	4765	47.1	50.5	5023	4966
3 x 150	45.2	48.5	5035	47.2	50.5	5786	5725	51.0	54.5	6000	5939
3 x 185	50.3	54.0	6292	52.3	56.5	7161	7093	56.3	60.5	7391	7323

CJPJ/SC, CJPF/SC系列

(CJV系列参照使用)

芯数x截面 No. of cores x sectional area No. x mm ²	CJPJ/SC, CJPF/SC			CJPJ80/SC, CJPF80/SC CJPJ90/SC, CJPF90/SC				CJPJ85/SC, CJPF86/SC CJPJ95/SC, CJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
4 x 1	8.9	10.5	106	9.9	11.5	164	157	11.7	13.0	218	211
4 x 1.5	9.7	11.0	131	10.7	12.0	224	213	12.7	14.0	283	272
4 x 2.5	10.9	12.0	190	12.4	13.5	297	285	14.4	16.0	359	347
4 x 4	12.5	14.0	261	14.0	15.5	383	370	16.2	17.5	456	442
4 x 6	13.9	15.5	357	15.4	17.0	495	480	17.6	19.5	573	558
4 x 10	17.3	19.0	566	18.8	20.5	742	724	21.2	23.0	837	819
4 x 16	19.9	22.0	832	21.4	23.5	1042	1022	23.8	26.0	1141	1121
4 x 25	23.7	26.0	1258	25.2	27.5	1520	1496	27.8	30.5	1636	1611
4 x 35	27.8	30.0	1723	29.3	31.5	2042	2013	32.1	34.5	2173	2144
4 x 50	30.9	33.5	2261	32.9	35.5	2720	2677	35.9	39.0	2866	2824
4 x 70	36.6	39.5	3223	38.6	41.5	3791	3741	42.0	45.5	3974	3924
4 x 95	42.1	45.5	4394	44.1	47.5	5080	5022	47.7	51.5	5277	5220
4 x 120	46.4	50.0	5481	48.4	52.0	6267	6203	52.2	56.0	6471	6408
4 x 150	50.4	54.0	6645	52.4	56.0	7533	7464	56.4	60.0	7740	7672
5 x 1	9.7	11.0	125	10.7	12.0	218	207	12.7	14.5	276	265
7 x 1	10.5	12.0	158	12.0	13.5	259	247	14.0	15.5	321	309
10 x 1	13.4	15.5	224	14.9	17.0	352	337	17.1	19.0	434	420
12 x 1	14.0	16.0	262	15.5	17.5	396	381	17.7	19.5	479	464
14 x 1	14.7	16.5	296	16.2	18.0	438	422	18.4	20.5	524	508
16 x 1	15.5	17.5	330	17.0	19.0	480	463	19.2	21.5	569	553
19 x 1	16.3	18.5	386	17.8	20.0	547	529	20.0	22.5	649	631
24 x 1	19.4	21.5	487	20.9	23.0	676	656	23.3	25.5	790	769
27 x 1	19.8	22.0	534	21.3	23.5	729	708	23.7	26.0	842	821
30 x 1	20.5	23.0	582	22.0	24.5	785	763	24.6	27.0	913	892
33 x 1	21.3	24.0	632	22.8	25.5	844	821	25.4	28.5	975	953
37 x 1	22.3	25.0	706	23.8	26.5	930	906	26.4	29.0	1063	1040
5 x 1.5	10.5	12.0	156	12.0	13.5	257	245	14.0	15.5	318	307
7 x 1.5	11.6	13.0	206	13.1	14.5	318	305	15.1	17.0	382	369
10 x 1.5	14.8	16.5	292	16.3	18.0	434	418	18.5	20.5	520	504
12 x 1.5	15.3	17.0	334	16.8	18.5	482	466	19.0	21.0	569	553
14 x 1.5	16.0	18.0	378	17.5	20.0	534	517	19.7	22.0	634	617
16 x 1.5	17.1	19.0	432	18.6	20.5	600	582	21.0	23.0	702	683
19 x 1.5	18.0	20.0	497	19.5	21.5	675	656	21.9	24.0	780	761
24 x 1.5	21.2	24.0	628	22.7	25.5	839	817	25.3	28.0	970	948
27 x 1.5	21.7	24.5	701	23.2	26.0	921	898	25.8	28.5	1052	1029
30 x 1.5	22.6	25.0	765	24.1	26.5	994	970	26.7	29.5	1128	1105
33 x 1.5	23.5	26.0	832	25.0	27.5	1072	1047	27.6	30.5	1208	1183
37 x 1.5	24.4	27.0	929	25.9	29.0	1182	1157	28.5	31.5	1333	1308
5 x 2.5	12.1	13.5	227	13.6	15.0	344	331	15.6	17.0	416	403
7 x 2.5	13.1	14.5	296	14.6	16.0	425	411	16.8	18.5	498	484
10 x 2.5	17.0	18.5	427	18.5	20.0	594	576	20.9	22.5	694	676
12 x 2.5	17.6	19.0	494	19.1	20.5	669	650	21.5	23.0	768	749
14 x 2.5	18.4	20.0	562	19.9	21.5	747	727	22.3	24.0	848	828
16 x 2.5	19.7	21.5	641	21.2	23.0	840	820	23.6	25.5	946	925
19 x 2.5	20.7	22.5	742	22.2	24.0	954	933	24.8	26.5	1072	1050
24 x 2.5	24.4	26.5	948	25.9	28.0	1202	1177	28.5	30.5	1349	1323
27 x 2.5	25.1	27.0	1045	26.6	28.5	1308	1282	29.4	31.5	1453	1427
30 x 2.5	26.0	28.0	1146	27.5	29.5	1421	1394	30.3	32.5	1568	1541
33 x 2.5	27.1	29.0	1261	28.6	30.5	1553	1524	31.4	33.5	1704	1675
37 x 2.5	28.3	30.5	1394	29.8	32.0	1700	1671	32.6	35.0	1867	1837

注: a) CJV阻燃系列电缆参照上述数据使用

b) 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: a) Data above can be used for CJV flame retardant series cable.

b) Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CJPJR/SC系列,CJPFR/SC系列

0.6/1kV

交联聚乙烯绝缘电力软电缆

XLPE insulated shipboard power flexible cable

图例 Example:

CJPJR/SC
2X70



型号: CJPJR/SC

Type: CJPJR80/SC

CJPJR90/SC

CJPJR85/SC

CJPJR95/SC

CJPFR/SC

CJPFR80/SC

CJPFR90/SC

CJPFR86/SC

CJPFR96/SC

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

IEC 60092-353

— 设计 Design

IEC 60228 Class 5

— 导体 Conductor

IEC 60092-360

— 绝缘 Insulation

IEC 60092-360

— 护套 Sheath

IEC 60332-3-22

— 阻燃 Flame Retardant

IEC 60754

— 无卤 Halogen Free

IEC 61034

— 低烟 Low Smoke

IEC 60092-350

— 结构 Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合软退火铜（或镀锡铜），IEC 60228 Class 5 Stranded annealed copper or tinned (STC), IEC 60228 Class 5
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
护套 Sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
结构 Construction	R	软结构导体 Flexible copper conductor
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CJPJR/SC, CJPFR/SC系列

芯数x截面 No. of cores x sectional area	CJPJR/SC, CJPFR/SC			CJPJR80/SC, CJPFR80/SC CJPJR90/SC, CJPFR90/SC				CJPJR85/SC, CJPFR86/SC CJPJR95/SC, CJPFR96/SC			
	外径		约重	外径		约重		外径		约重	
	Over diam. mm			Approx. weight	Over diam. mm		Approx. weight	Over diam. mm		Approx. weight	
	标称	最大	标称		最大	80系列		90系列	标称		最大
No. x mm²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1 x 1	5.1	6.0	37	6.2	7.0	68	65	8.3	9.2	101	97
1 x 1.5	5.4	6.2	45	6.5	7.4	78	75	8.6	9.4	111	107
1 x 2.5	6.1	7.0	61	7.2	8.0	99	95	9.3	10.0	134	130
1 x 4	6.7	7.6	82	7.8	8.6	124	120	9.9	11.0	161	157
1 x 6	7.7	8.8	111	8.8	9.8	160	155	10.9	12.0	200	195
1 x 10	9.0	10.5	173	10.1	11.5	232	226	12.2	13.5	276	269
1 x 16	10.0	11.5	235	11.1	12.5	303	296	13.2	14.5	347	341
1 x 25	11.8	13.0	346	13.4	15.0	429	421	15.5	17.0	477	468
1 x 35	13.3	15.0	465	14.9	16.5	562	553	17.2	18.5	618	609
1 x 50	15.1	16.5	638	16.7	18.5	753	743	19.0	20.5	810	799
1 x 70	18.5	20.5	902	20.1	22.0	1049	1036	22.6	24.5	1119	1107
1 x 95	21.8	24.0	1182	23.4	25.5	1361	1346	26.1	28.0	1447	1432
1 x 120	23.4	25.5	1467	25.0	27.0	1669	1653	27.7	29.5	1750	1735
1 x 150	24.6	27.0	1768	26.2	28.5	1991	1974	29.1	31.5	2065	2048
1 x 185	27.3	29.5	2160	28.9	31.5	2417	2399	31.8	34.0	2502	2484
1 x 240	30.9	33.5	2817	33.0	35.5	3126	3106	36.1	38.5	3219	3198
1 x 300	34.0	36.5	3478	36.1	38.5	3837	3814	39.4	42.0	3935	3912
2 x 1	8.0	9.2	71	9.1	10.5	120	114	11.2	12.5	163	157
2 x 1.5	8.8	10.0	89	9.9	11.0	143	137	12.0	13.0	190	183
2 x 2.5	9.8	11.0	117	10.9	12.0	178	171	13.0	14.0	227	220
2 x 4	11.0	12.0	159	12.6	14.0	228	221	14.7	16.0	282	274
2 x 6	13.2	15.0	223	14.8	16.5	307	298	17.1	19.0	375	366
2 x 10	15.6	17.5	349	17.2	19.0	453	442	19.5	21.5	526	515
2 x 16	17.8	20.0	482	19.4	21.5	604	592	21.9	24.0	692	680
2 x 25	21.2	23.5	707	22.8	25.0	859	844	25.5	27.5	965	951
2 x 35	24.4	27.0	959	26.0	28.5	1141	1124	28.9	31.5	1254	1237
2 x 50	28.0	30.5	1321	29.6	32.0	1540	1521	32.5	35.0	1672	1653
2 x 70	34.8	37.5	1877	36.9	39.5	2160	2137	40.2	43.0	2344	2321
2 x 95	41.6	45.0	2489	43.7	47.0	2840	2812	47.4	50.5	3086	3058
2 x 120	44.6	48.0	3068	46.7	50.0	3464	3434	50.6	54.0	3706	3676
2 x 1+E	8.4	9.8	90	9.5	11.0	142	136	11.6	13.0	186	180
2 x 1.5+E	9.3	10.5	114	10.4	11.5	172	165	12.5	14.0	220	213
2 x 2.5+E	10.4	11.5	153	12.0	13.0	219	212	14.1	15.0	270	262
2 x 4+E	11.9	13.0	219	13.5	14.5	296	288	15.6	17.0	351	342
2 x 6+E	14.2	16.0	308	15.8	17.5	402	392	18.1	20.0	470	461
2 x 10+E	16.6	18.5	481	18.2	20.5	597	585	20.7	23.0	668	657
2 x 16+E	19.0	21.0	671	20.6	23.0	809	796	23.1	25.5	894	882
3 x 25+E	24.0	26.5	1003	25.6	28.0	1252	1227	28.3	30.5	1364	1339
3 x 35+E	27.0	30.5	1259	28.6	32.0	1545	1517	31.5	35.0	1676	1649
3 x 50+E	31.2	34.0	1575	33.3	36.0	1998	1956	36.4	39.0	2162	2119
3 x 70+E	38.5	41.5	2265	40.6	44.0	2802	2749	44.1	47.5	3021	2969
3 x 95+E	45.5	49.0	3098	47.6	51.0	3752	3690	51.5	55.0	4031	3970
3 x 120+E	50.3	53.5	3931	52.4	55.5	4678	4610	56.5	60.0	4984	4916
3 x 1	8.4	9.8	90	9.5	11.0	142	136	11.6	13.0	186	180
3 x 1.5	9.3	10.5	114	10.4	11.5	172	165	12.5	14.0	220	213
3 x 2.5	10.4	11.5	153	12.0	13.0	219	212	14.1	15.0	270	262
3 x 4	11.9	13.0	219	13.5	14.5	296	288	15.6	17.0	351	342
3 x 6	14.2	16.0	308	15.8	17.5	402	392	18.1	20.0	470	461
3 x 10	16.6	18.5	481	18.2	20.5	597	585	20.7	23.0	668	657
3 x 16	19.0	21.0	671	20.6	23.0	809	796	23.1	25.5	894	882
3 x 25	22.8	25.0	1004	24.4	26.5	1179	1164	27.1	29.5	1281	1266
3 x 35	26.2	28.5	1369	27.8	30.5	1581	1563	30.7	33.0	1699	1681
3 x 50	29.9	32.5	1879	31.5	34.0	2136	2116	34.6	37.5	2267	2247
3 x 70	37.4	40.5	2690	39.5	42.5	3028	3003	43.0	46.0	3210	3185
3 x 95	44.7	48.0	3560	46.8	50.0	3981	3951	50.7	54.0	4200	4170
3 x 120	47.9	51.5	4408	50.0	53.5	4889	4856	54.1	58.0	5115	5083
3 x 150	50.7	54.5	5335	52.8	56.5	5877	5843	56.9	60.5	6107	6073
3 x 185	56.5	60.5	6531	58.6	62.5	7164	7126	63.1	67.0	7417	7390

CJPJR/SC, CJPFR/SC系列

芯数x截面 No. of cores x sectional area	CJPJR/SC, CJPFR/SC			CJPJR80/SC, CJPFR80/SC CJPJR90/SC, CJPFR90/SC				CJPJR85/SC, CJPFR86/SC CJPJR95/SC, CJPFR96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No. x mm ²	Nom.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
4 x 1	9.3	10.5	114	10.4	12.0	172	165	12.5	14.0	219	213
4 x 1.5	10.1	11.5	141	11.7	13.0	205	198	13.8	15.0	255	248
4 x 2.5	11.5	12.5	197	13.1	14.5	271	263	15.2	16.5	324	316
4 x 4	12.9	14.0	276	14.5	16.0	361	353	16.8	18.0	425	416
4 x 6	15.5	17.5	390	17.1	19.0	495	485	19.4	21.5	566	555
4 x 10	18.4	20.5	625	20.0	22.0	757	745	22.5	24.5	842	829
4 x 16	21.0	23.0	875	22.6	25.0	1034	1020	25.3	27.5	1131	1117
4 x 25	25.3	27.5	1311	26.9	29.5	1515	1498	29.8	32.5	1630	1613
4 x 35	29.1	31.5	1791	30.7	33.5	2039	2020	33.8	36.5	2170	2151
4 x 50	33.4	36.0	2478	35.5	38.5	2784	2761	38.8	41.5	2927	2904
4 x 70	41.7	45.0	3541	43.8	47.0	3945	3917	47.5	51.0	4140	4111
4 x 95	49.8	53.5	4680	51.9	55.5	5184	5151	56.0	60.0	5440	5406
4 x 120	53.4	57.0	5801	55.5	59.5	6381	6345	59.8	64.0	6640	6605
4 x 150	56.5	60.5	7027	58.6	62.5	7685	7647	63.1	67.0	7914	7876
5 x 1	10.1	11.5	136	11.7	13.0	199	192	13.8	15.0	249	242
7 x 1	10.9	12.5	173	12.5	14.0	243	235	14.6	16.0	295	287
10 x 1	13.8	16.0	246	15.4	17.5	335	325	17.7	19.5	404	394
12 x 1	14.4	16.0	288	16.0	18.0	382	372	18.3	20.0	452	442
14 x 1	15.1	17.0	326	16.7	18.5	426	415	19.0	21.0	498	487
16 x 1	15.9	18.0	364	17.5	19.5	470	459	19.8	22.0	545	534
19 x 1	16.9	19.0	427	18.5	20.5	542	530	21.0	23.0	627	616
24 x 1	19.8	22.0	539	21.4	23.5	675	661	23.9	26.0	771	757
27 x 1	20.2	22.5	592	21.8	24.0	733	719	24.3	26.5	828	814
30 x 1	20.9	23.0	647	22.5	25.0	794	780	25.2	27.5	902	887
33 x 1	21.7	24.5	702	23.3	26.0	856	841	26.0	28.5	967	952
37 x 1	22.7	25.0	785	24.3	27.0	949	933	27.0	29.5	1061	1045
5 x 1.5	10.9	12.5	168	12.5	14.0	237	230	14.6	16.0	290	282
7 x 1.5	12.0	13.5	223	13.6	15.0	301	293	15.7	17.0	356	347
10 x 1.5	15.2	17.0	316	16.8	18.5	416	405	19.1	21.0	489	479
12 x 1.5	15.7	17.5	364	17.3	19.0	469	458	19.6	21.5	542	531
14 x 1.5	16.4	18.5	413	18.0	20.0	524	513	20.5	22.5	598	587
16 x 1.5	17.5	19.5	471	19.1	21.0	591	579	21.6	23.5	678	666
19 x 1.5	18.4	20.5	544	20.0	22.0	672	660	22.5	24.5	760	748
24 x 1.5	21.6	24.0	687	23.2	25.5	840	825	25.9	28.5	950	935
27 x 1.5	22.3	24.5	767	23.9	26.5	928	912	26.6	29.0	1038	1023
30 x 1.5	23.0	25.5	839	24.6	27.0	1007	991	27.3	30.0	1118	1102
33 x 1.5	23.9	26.5	913	25.5	28.0	1090	1073	28.2	31.0	1202	1186
37 x 1.5	25.0	27.5	1020	26.6	29.0	1208	1191	29.5	32.0	1335	1318
5 x 2.5	12.5	14.0	236	14.1	15.5	317	309	16.4	17.5	374	365
7 x 2.5	13.5	15.0	308	15.1	16.5	398	389	17.4	18.5	464	454
10 x 2.5	17.4	19.0	446	19.0	20.5	564	552	21.5	23.0	651	639
12 x 2.5	18.0	19.5	516	19.6	21.0	641	629	22.1	23.5	728	716
14 x 2.5	18.8	20.5	587	20.4	22.0	720	707	22.9	24.5	808	795
16 x 2.5	20.1	22.0	670	21.7	23.5	814	800	24.2	26.0	906	892
19 x 2.5	21.1	23.0	777	22.7	24.5	932	917	25.4	27.0	1034	1020
24 x 2.5	25.0	27.0	992	26.6	28.5	1178	1161	29.5	31.5	1307	1290
27 x 2.5	25.5	27.5	1094	27.1	29.0	1288	1271	30.0	32.0	1415	1398
30 x 2.5	26.4	28.5	1201	28.0	30.0	1405	1388	30.9	33.0	1533	1515
33 x 2.5	27.7	29.5	1322	29.3	31.5	1539	1521	32.2	34.5	1669	1650
37 x 2.5	28.7	31.0	1462	30.3	32.5	1692	1672	33.4	35.5	1821	1802

注: a) CJVR阻燃系列电缆参照上述数据使用

b) 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: a) Data above can be used for CJVR flame retardant series cable.

b) Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CJ85/SC系列, CJ86/SC系列

0.6/1kV

交联聚乙烯绝缘低烟无卤无内套电力电缆

XLPE insulated halogen-free low-smoke shipboard power cable without inner sheath

图例 Example:

CJ85/SC
3X120

型号: CJ85/SC

Type: CJ86/SC



用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

IEC 60092-353	- 设计	Design
IEC 60228 Class 2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke
IEC 60092-350	- 结构	Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CJ85/SC, CJ86/SC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称 Nom.	最大 Max.			标称 Nom.	最大 Max.	
No. x mm ²			kg/km	No. x mm ²			kg/km
1 x 1	5.9	6.7	66	4 x 1	9.9	11.5	158
1 x 1.5	6.2	7.2	75	4 x 1.5	10.7	12.0	193
1 x 2.5	6.7	7.6	92	4 x 2.5	12.1	13.5	252
1 x 4	7.3	8.2	114	4 x 4	14.2	15.5	372
1 x 6	7.8	8.8	141	4 x 6	15.4	17.0	474
1 x 10	9.3	10.5	205	4 x 10	18.8	20.5	721
1 x 16	10.3	11.5	278	4 x 16	21.4	23.5	1002
1 x 25	12.0	13.5	399	4 x 25	25.4	28.0	1473
1 x 35	14.2	15.5	560	4 x 35	29.3	31.5	1957
1 x 50	15.4	17.0	704	4 x 50	32.4	35.0	2540
1 x 70	17.8	19.5	966	4 x 70	38.8	42.0	3653
1 x 95	20.1	22.0	1281	4 x 95	44.3	48.0	4891
1 x 120	21.7	23.5	1568	4 x 120	48.3	52.0	6002
1 x 150	23.5	25.5	1867	4 x 150	52.6	56.0	7236
1 x 185	25.9	28.0	2304				
1 x 240	29.0	31.0	2952				
1 x 300	31.8	34.0	3636				
2 x 1	8.8	10.0	116	5 x 1	10.7	12.0	187
2 x 1.5	9.4	10.5	133	7 x 1	11.7	13.0	226
2 x 2.5	10.4	11.5	167	10 x 1	15.1	17.0	347
2 x 4	11.8	13.0	218	12 x 1	15.5	17.5	381
2 x 6	12.8	14.5	272	14 x 1	16.2	18.0	429
2 x 10	16.1	18.0	449	16 x 1	17.2	19.0	472
2 x 16	18.3	20.5	602	19 x 1	18.0	20.0	527
2 x 25	21.5	23.5	865	24 x 1	20.9	23.0	654
2 x 35	24.9	27.0	1130	27 x 1	21.3	23.5	703
2 x 50	27.5	30.0	1436	30 x 1	22.2	24.5	769
2 x 70	32.1	35.0	1969	33 x 1	23.0	25.5	827
2 x 95	37.2	40.5	2716	37 x 1	23.8	26.5	897
2 x 1+E	9.2	10.5	135	5 x 1.5	11.7	13.0	223
2 x 1.5+E	9.9	11.5	159	7 x 1.5	12.6	14.0	274
2 x 2.5+E	11.2	12.5	210	10 x 1.5	16.3	18.0	426
2 x 4+E	12.5	14.0	273	12 x 1.5	17.0	19.0	473
2 x 6+E	14.2	16.0	389	14 x 1.5	17.7	20.0	524
2 x 10+E	17.2	19.0	575	16 x 1.5	18.6	20.5	578
2 x 16+E	19.6	21.5	801	19 x 1.5	19.7	22.0	661
3 x 25+E	24.2	26.5	1078	24 x 1.5	22.9	25.5	821
3 x 35+E	28.3	30.5	1455	27 x 1.5	23.4	26.0	888
3 x 50+E	30.6	33.5	1757	30 x 1.5	24.1	26.5	959
3 x 70+E	36.4	39.5	2510	33 x 1.5	25.2	28.0	1046
3 x 95+E	41.3	45.0	3314	37 x 1.5	26.1	29.0	1140
3 x 120+E	45.7	49.0	4147				
3 x 1	9.2	10.5	135	5 x 2.5	13.1	14.5	296
3 x 1.5	9.9	11.5	159	7 x 2.5	14.8	16.0	413
3 x 2.5	11.2	12.5	210	10 x 2.5	18.5	20.0	569
3 x 4	12.5	14.0	273	12 x 2.5	19.3	21.0	650
3 x 6	14.2	16.0	389	14 x 2.5	20.1	22.0	725
3 x 10	16.7	18.5	575	16 x 2.5	21.2	23.0	805
3 x 16	19.6	21.5	801	19 x 2.5	22.4	24.0	926
3 x 25	23.0	25.5	1155	24 x 2.5	26.1	28.0	1153
3 x 35	26.5	28.5	1528	27 x 2.5	26.6	28.5	1255
3 x 50	29.3	32.0	1962	30 x 2.5	27.7	29.5	1377
3 x 70	34.4	37.5	2738	33 x 2.5	28.8	31.0	1489
3 x 95	38.9	42.0	3774	37 x 2.5	29.8	32.0	1646
3 x 120	43.7	47.0	4642				
3 x 150	47.4	50.5	5563				
3 x 185	52.5	56.5	6888				

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CJPJ/NC系列, CJPF/NC系列

0.6/1kV

交联聚乙烯绝缘低烟无卤电力电缆

XLPE insulated halogen-free low-smoke shipboard power cable

图例 Example:

CJPF86/NC
3X120



型号: CJPJ/NC

Type: CJPJ80/NC
CJPJ90/NC
CJPJ85/NC
CJPJ95/NC
CJPF/NC
CJPF80/NC
CJPF90/NC
CJPF86/NC
CJPF96/NC

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

IEC 60092-353	- 设计 Design
IEC 60228 Class2	- 导体 Conductor
IEC 60092-360	- 绝缘 Insulation
IEC 60092-360	- 护套 Sheath
IEC 60331	- 耐火 Fire Resistant
IEC 60332-3-22	- 阻燃 Flame Retardant
IEC 60754	- 无卤 Halogen Free
IEC 61034	- 低烟 LowSmoke
IEC 60092-350	- 结构 Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CJV/NA系列

0.6/1kV

交联聚乙烯绝缘电力电缆

XLPE insulated shipboard power cable

图例 Example:

CJV92/NA
3X120



型号: CJV/NA
Type: CJV80/NA
CJV90/NA
CJV82/NA
CJV92/NA

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc.

结构 Construction

执行标准 Standards applied

IEC 60092-350	– 结构	Structure
IEC 60092-353	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed or tinned copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CJPJ/NC, CJPF/NC系列

(CJV系列参照使用)

芯数x截面 No. of cores x sectional area	CJPJ/NC, CJPF/NC			CJPJ80/NC, CJPF80/NC CJPJ90/NC, CJPF90/NC				CJPJ85/NC, CJPF86/NC CJPJ95/NC, CJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
	No. x mm ²		kg/km								
1 x 1	5.5	6.4	41	6.5	7.4	76	72	8.5	9.6	115	111
1 x 1.5	5.8	6.7	51	6.8	7.8	89	85	8.8	10.0	131	126
1 x 2.5	6.3	7.2	66	7.3	8.2	108	103	9.3	10.5	151	146
1 x 4	6.9	7.8	86	7.9	8.9	132	127	9.9	11.0	176	171
1 x 6	7.4	8.4	110	8.4	9.6	160	154	10.4	12.0	205	199
1 x 10	8.9	10.0	167	9.9	11.5	228	221	11.9	13.5	277	271
1 x 16	9.9	11.5	235	10.9	12.5	335	324	12.9	14.5	390	379
1 x 25	11.6	13.0	348	13.1	14.5	467	455	15.1	17.0	523	511
1 x 35	13.1	14.5	461	14.6	16.0	598	584	16.8	18.5	666	652
1 x 50	14.5	16.0	602	16.0	18.0	757	742	18.2	20.0	825	810
1 x 70	16.9	18.5	847	18.4	20.5	1034	1016	20.8	23.0	1112	1094
1 x 95	19.0	21.0	1143	20.5	23.0	1363	1343	22.9	25.5	1441	1421
1 x 120	20.8	23.0	1408	22.3	24.5	1654	1633	24.9	27.0	1741	1719
1 x 150	22.6	24.5	1706	24.1	26.0	1982	1958	26.7	29.0	2063	2039
1 x 185	25.0	27.5	2123	26.5	29.0	2439	2413	29.3	32.0	2531	2505
1 x 240	28.1	30.5	2750	29.6	32.0	3123	3094	32.4	35.0	3221	3192
1 x 300	30.9	33.0	3413	32.9	35.5	3929	3887	35.9	38.5	4018	3975
2 x 1	9.0	10.5	83	10.0	11.5	140	133	12.0	13.5	196	189
2 x 1.5	9.6	11.0	98	10.6	12.0	159	152	12.6	14.0	216	209
2 x 2.5	10.6	12.0	128	12.1	13.5	228	217	14.1	15.5	291	279
2 x 4	12.0	13.5	173	13.5	15.0	287	274	15.5	17.0	361	348
2 x 6	13.0	14.5	221	14.5	16.0	345	331	16.7	18.5	425	411
2 x 10	15.8	17.5	337	17.3	19.0	490	473	19.5	21.5	579	562
2 x 16	18.0	20.0	481	19.5	21.5	659	640	21.9	24.0	764	745
2 x 25	21.2	23.5	710	22.7	25.0	925	903	25.3	27.5	1049	1027
2 x 35	24.4	27.0	963	25.9	28.5	1218	1192	28.5	31.0	1364	1339
2 x 50	27.0	29.5	1235	28.5	31.5	1523	1495	31.3	34.0	1675	1647
2 x 70	31.8	34.5	1746	33.8	36.5	2189	2145	36.8	40.0	2388	2344
2 x 95	36.4	39.5	2363	38.4	41.5	2886	2836	41.8	45.5	3112	3062
2 x 120	39.8	43.0	2919	41.8	45.0	3507	3452	45.2	48.5	3752	3698
2 x 1+E	9.5	11.0	103	10.5	12.0	164	157	12.5	14.0	221	214
2 x 1.5+E	10.2	11.5	124	11.7	13.0	221	209	13.7	15.5	282	270
2 x 2.5+E	11.5	13.0	172	13.0	14.5	282	269	15.0	16.5	347	334
2 x 4+E	12.8	14.0	229	14.3	16.0	352	338	16.5	18.0	428	415
2 x 6+E	14.0	15.5	304	15.5	17.0	440	425	17.7	19.5	521	506
2 x 10+E	17.0	19.0	470	18.5	20.5	639	621	20.9	23.0	738	720
2 x 16+E	19.4	21.5	677	20.9	23.0	876	855	23.3	25.5	980	959
3 x 25+E	24.3	27.0	907	25.8	28.5	1156	1131	28.4	31.0	1110	1085
3 x 35+E	28.3	31.0	1265	29.8	32.5	1564	1535	32.6	35.5	1501	1472
3 x 50+E	30.7	33.5	1549	32.7	35.5	1969	1927	35.7	39.0	1892	1850
3 x 70+E	36.0	39.0	2173	38.0	41.0	2681	2632	41.4	44.5	2573	2523
3 x 95+E	40.9	44.5	2924	42.9	46.5	3523	3467	46.5	50.5	3377	3321
3 x 120+E	45.4	49.0	3715	47.4	51.0	4400	4339	51.2	55.0	4215	4153
3 x 1	9.5	11.0	103	10.5	12.0	164	157	12.5	14.0	221	214
3 x 1.5	10.2	11.5	124	11.7	13.0	221	209	13.7	15.5	282	270
3 x 2.5	11.5	13.0	172	13.0	14.5	282	269	15.0	16.5	347	334
3 x 4	12.8	14.0	229	14.3	16.0	352	338	16.5	18.0	428	415
3 x 6	14.0	15.5	304	15.5	17.0	440	425	17.7	19.5	521	506
3 x 10	17.0	19.0	470	18.5	20.5	639	621	20.9	23.0	738	720
3 x 16	19.4	21.5	677	20.9	23.0	876	855	23.3	25.5	980	959
3 x 25	22.8	25.0	1007	24.3	27.0	1250	1226	26.9	29.5	1372	1348
3 x 35	26.3	28.5	1357	27.8	30.0	1645	1618	30.6	33.0	1785	1758
3 x 50	29.1	31.5	1770	30.6	33.5	2102	2072	33.6	36.5	2259	2229
3 x 70	34.2	37.0	2509	36.2	39.5	3016	2969	39.4	42.5	3196	3149
3 x 95	39.2	42.5	3406	41.2	44.5	4011	3958	44.6	48.0	4209	4155
3 x 120	42.8	46.0	4218	44.8	48.0	4903	4844	48.4	52.0	5113	5055
3 x 150	46.7	50.0	5125	48.7	52.0	5897	5833	52.5	56.0	6120	6056
3 x 185	51.8	56.0	6392	53.8	58.0	7282	7212	57.8	62.0	7548	7478

CJPJ/NC, CJPF/NC系列

(CJV系列参照使用)

芯数x截面 No. of cores x sectional area	CJPJ/NC, CJPF/NC			CJPJ80/NC, CJPF80/NC CJPJ90/NC, CJPF90/NC				CJPJ85/NC, CJPF86/NC CJPJ95/NC, CJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No. x mm ²	Nom.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
4 x 1	10.4	12.0	126	11.9	13.5	224	213	13.9	15.5	287	276
4 x 1.5	11.3	13.0	158	12.8	14.5	265	253	14.8	16.5	331	319
4 x 2.5	12.5	14.0	213	14.0	15.5	333	319	16.2	18.0	408	394
4 x 4	14.2	15.5	294	15.7	17.0	431	416	17.9	19.5	513	497
4 x 6	15.4	17.0	386	16.9	18.5	538	521	19.1	21.0	622	605
4 x 10	18.7	20.5	600	20.2	22.5	789	769	22.6	25.0	893	874
4 x 16	21.4	24.0	871	22.9	25.5	1095	1073	25.5	28.0	1216	1193
4 x 25	25.4	28.0	1315	26.9	29.5	1594	1568	29.7	32.5	1733	1707
4 x 35	29.2	31.5	1774	30.7	33.5	2107	2076	33.7	36.5	2264	2234
4 x 50	32.3	35.5	2318	34.3	37.5	2795	2750	37.5	41.0	2969	2925
4 x 70	38.2	41.5	3307	40.2	43.5	3897	3844	43.6	47.0	4091	4038
4 x 95	43.7	47.5	4490	45.7	49.5	5198	5138	49.3	53.5	5430	5370
4 x 120	47.8	51.5	5564	49.8	53.5	6370	6305	53.6	57.5	6609	6544
4 x 150	52.1	55.5	6759	54.1	58.0	7671	7600	58.3	62.0	7919	7848
5 x 1	11.5	13.0	154	13.0	14.5	263	250	15.0	17.0	329	316
7 x 1	12.5	14.0	195	14.0	16.0	314	300	16.2	18.0	392	379
10 x 1	16.0	18.0	276	17.5	20.0	427	410	19.7	22.0	531	514
12 x 1	16.7	18.5	321	18.2	20.5	480	462	20.6	23.0	585	567
14 x 1	17.6	19.5	362	19.1	21.0	530	512	21.5	24.0	639	620
16 x 1	18.5	20.5	403	20.0	22.5	581	561	22.4	25.0	696	676
19 x 1	19.7	22.0	472	21.2	23.5	663	642	23.6	26.0	779	758
24 x 1	23.2	25.5	595	24.7	27.5	820	796	27.3	30.0	965	941
27 x 1	23.7	26.5	650	25.2	28.0	882	857	27.8	30.5	1028	1003
30 x 1	24.8	27.5	721	26.3	29.0	965	940	29.1	32.0	1130	1104
33 x 1	25.7	28.5	780	27.2	30.0	1035	1008	30.0	33.0	1203	1177
37 x 1	26.7	29.5	858	28.2	31.5	1125	1097	31.0	34.0	1295	1268
5 x 1.5	12.3	14.0	187	13.8	15.5	304	291	15.8	17.5	380	367
7 x 1.5	13.4	15.5	240	14.9	17.0	368	354	17.1	19.0	449	435
10 x 1.5	17.4	19.5	348	18.9	21.0	514	496	21.3	23.5	622	604
12 x 1.5	18.0	20.0	397	19.5	21.5	570	551	21.9	24.0	680	661
14 x 1.5	18.9	21.0	450	20.4	23.0	633	613	22.8	25.5	745	725
16 x 1.5	20.1	22.5	512	21.6	24.0	708	687	24.0	26.5	836	815
19 x 1.5	21.2	23.5	589	22.7	25.0	798	776	25.3	28.0	931	909
24 x 1.5	25.2	28.0	754	26.7	29.5	1003	977	29.5	32.5	1167	1140
27 x 1.5	25.7	28.5	827	27.2	30.0	1084	1057	30.0	33.0	1250	1223
30 x 1.5	26.7	29.5	903	28.2	31.0	1172	1144	31.0	34.0	1341	1313
33 x 1.5	27.9	31.0	993	29.4	32.5	1276	1247	32.2	35.5	1447	1418
37 x 1.5	29.0	32.0	1094	30.5	33.5	1391	1361	33.5	36.5	1582	1553
5 x 2.5	13.9	15.5	262	15.4	17.0	395	381	17.6	19.0	476	461
7 x 2.5	15.1	16.5	340	16.6	18.0	487	471	18.8	20.5	571	555
10 x 2.5	19.6	21.5	490	21.1	23.0	681	660	23.5	25.5	791	771
12 x 2.5	20.3	22.0	565	21.8	23.5	765	744	24.2	26.0	888	867
14 x 2.5	21.3	23.0	642	22.8	24.5	854	832	25.4	27.5	979	957
16 x 2.5	22.7	24.5	731	24.2	26.0	959	935	26.8	29.0	1089	1065
19 x 2.5	23.9	26.0	845	25.4	27.5	1088	1064	28.0	30.0	1221	1196
24 x 2.5	28.4	30.5	1078	29.9	32.0	1369	1340	32.7	35.0	1551	1522
27 x 2.5	29.0	31.0	1188	30.5	33.0	1490	1460	33.5	36.0	1669	1639
30 x 2.5	30.3	32.5	1316	32.3	34.5	1721	1679	35.3	38.0	1908	1866
33 x 2.5	31.5	34.0	1431	33.5	36.0	1855	1811	36.5	39.0	2063	2020
37 x 2.5	32.9	35.5	1596	34.9	37.5	2043	1998	38.1	41.0	2254	2209

注: a) CJV耐火系列电缆参照上述数据使用

b) 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: a) Data above can be used for CJV fire resistant series cable.

b) Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CJ85/NC系列, CJ86/NC系列

0.6/1kV

交联聚乙烯绝缘低烟无卤无内套电力电缆

XLPE insulated halogen-free low-smoke shipboard power cable without inner sheath

图例 Example:

CJ86/NC
3X120



型号: CJ85/NC

Type: CJ85/NC

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

IEC 60092-353	- 设计	Design
IEC 60228 Class 2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60331	- 耐火	Fire Resistant
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke
IEC 60092-350	- 结构	Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CJ85/NC, CJ86/NC

芯数x截面 No. of cores x sectional area No. x mm ²	外径 Over diam. mm		约重 Approx. weight kg/km	芯数x截面 No. of cores x sectional area No. x mm ²	外径 Over diam. mm		约重 Approx. weight kg/km
	标称 Nom.	最大 Max.			标称 Nom.	最大 Max.	
1 x 1	6.7	7.8	74	4 x 1	11.8	13.5	191
1 x 1.5	7.0	8.0	83	4 x 1.5	12.5	14.0	222
1 x 2.5	7.5	8.4	100	4 x 2.5	14.4	16.0	322
1 x 4	8.1	9.2	123	4 x 4	15.9	17.5	410
1 x 6	8.8	10.0	155	4 x 6	17.3	19.0	522
1 x 10	10.1	11.5	217	4 x 10	20.6	22.5	766
1 x 16	11.1	12.5	290	4 x 16	23.3	25.5	1062
1 x 25	12.8	14.5	413	4 x 25	27.1	29.5	1529
1 x 35	15.0	16.5	576	4 x 35	31.1	33.5	2034
1 x 50	16.2	18.0	721	4 x 50	34.2	37.0	2608
1 x 70	18.6	20.5	986	4 x 70	40.4	43.5	3732
1 x 95	20.9	23.0	1303	4 x 95	45.9	49.5	4980
1 x 120	22.7	25.0	1592	4 x 120	50.2	54.0	6124
1 x 150	24.3	26.5	1893	4 x 150	54.3	58.0	7340
1 x 185	26.7	29.0	2332				
1 x 240	29.8	32.0	2983				
1 x 300	32.6	35.0	3669				
2 x 1	10.2	11.5	134	5 x 1	12.7	14.5	219
2 x 1.5	10.8	12.5	152	7 x 1	14.4	16.0	306
2 x 2.5	12.0	13.5	192	10 x 1	17.9	20.0	419
2 x 4	13.2	14.5	239	12 x 1	18.4	20.5	461
2 x 6	14.9	16.5	336	14 x 1	19.5	21.5	519
2 x 10	17.7	19.5	477	16 x 1	20.4	22.5	569
2 x 16	19.9	22.0	642	19 x 1	21.4	24.0	637
2 x 25	23.1	25.5	899	24 x 1	25.1	27.5	803
2 x 35	26.3	28.5	1168	27 x 1	25.6	28.5	863
2 x 50	28.9	31.5	1476	30 x 1	26.5	29.0	930
2 x 70	33.7	36.5	2030	33 x 1	27.6	30.5	1012
2 x 95	38.8	42.0	2788	37 x 1	28.6	31.5	1099
2 x 120	42.2	45.5	3382				
2 x 1+E	10.7	12.0	157	5 x 1.5	13.5	15.0	257
2 x 1.5+E	11.6	13.0	187	7 x 1.5	15.3	17.0	359
2 x 2.5+E	12.7	14.0	235	10 x 1.5	19.1	21.0	493
2 x 4+E	14.7	16.0	341	12 x 1.5	19.9	22.0	558
2 x 6+E	15.7	17.5	420	14 x 1.5	20.8	23.0	618
2 x 10+E	18.7	20.5	611	16 x 1.5	21.8	24.0	681
2 x 16+E	21.1	23.5	840	19 x 1.5	23.1	25.5	778
3 x 25+E	26.1	28.5	1123	24 x 1.5	26.9	29.5	967
3 x 35+E	29.9	32.5	1502	27 x 1.5	27.6	30.5	1059
3 x 50+E	32.3	35.0	1808	30 x 1.5	28.6	31.5	1144
3 x 70+E	38.1	41.0	2571	33 x 1.5	29.6	32.5	1231
3 x 95+E	43.0	46.5	3380	37 x 1.5	30.9	34.0	1357
3 x 120+E	47.6	51.5	4244				
3 x 1	10.7	12.0	157	5 x 2.5	15.6	17.0	375
3 x 1.5	11.6	13.0	187	7 x 2.5	17.0	18.5	472
3 x 2.5	12.7	14.0	235	10 x 2.5	21.3	23.0	651
3 x 4	14.7	16.0	341	12 x 2.5	22.2	24.0	743
3 x 6	15.7	17.5	420	14 x 2.5	23.2	25.0	829
3 x 10	18.7	20.5	611	16 x 2.5	24.4	26.5	918
3 x 16	21.1	23.5	840	19 x 2.5	25.8	28.0	1055
3 x 25	24.5	27.0	1199	24 x 2.5	30.3	32.5	1328
3 x 35	28.2	30.5	1590	27 x 2.5	30.9	33.0	1443
3 x 50	31.0	33.5	2030	30 x 2.5	32.0	34.5	1567
3 x 70	36.6	39.5	2907	33 x 2.5	33.4	36.0	1709
3 x 95	40.6	43.5	3865	37 x 2.5	34.6	37.0	1870
3 x 120	45.2	48.5	4717				
3 x 150	48.9	52.5	5644				
3 x 185	54.0	58.0	6976				

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CEPJ/SC系列, CEPF/SC系列

0.6/1kV

乙丙橡胶绝缘低烟无卤电力电缆

EPR insulated halogen-free low-smoke shipboard power cable

图例 Example:

CEPJ85/SC
3X120



型号: CEPJ/SC

Type: CEPJ80/SC

CEPJ90/SC

CEPJ85/SC

CEPJ95/SC

CEPF/SC

CEPF80/SC

CEPF90/SC

CEPF86/SC

CEPF96/SC

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc.

结构 Construction

执行标准 Standards applied

IEC 60092-353	– 设计	Design
IEC 60228 Class 2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke
IEC60092-350	– 结构	Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜（或镀锡铜），IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CEV/SA系列,CEF/SA系列

0.6/1kV

乙丙橡胶绝缘电力电缆
EPR insulated shipboard power cable

图例 Example:

CEV82/SA
3X120



型号: CEV/SA
Type: CEV80/SA
CEV90/SA
CEV82/SA
CEV92/SA
CEF/SA
CEF80/SA
CEF90/SA
CEF82/SA
CEF92/SA

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

- | | | |
|------------------|------|-----------------|
| IEC 60092-353 | - 设计 | Design |
| IEC 60228 Class2 | - 导体 | Conductor |
| IEC 60092-360 | - 绝缘 | Insulation |
| IEC 60092-360 | - 护套 | Sheath |
| IEC 60332-3-22 | - 阻燃 | Flame Retardant |
| IEC60092-350 | - 结构 | Structure |

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-360
内护套 Inner sheath	F	氯丁橡胶 PCP
	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CEPJ/SC, CEPF/SC系列
(CEF系列参照使用)

芯数x截面 No. of cores x sectional area	CEPJ/SC, CEPF/SC			CEPJ80/SC, CEPF80/SC CEPJ90/SC, CEPF90/SC				CEPJ85/SC, CEPF86/SC CEPJ95/SC, CEPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No. x mm ²	Nom.	Max.	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1 x 1	5.5	6.4	45	6.5	7.4	80	76	8.5	9.6	118	114
1 x 1.5	5.8	6.6	55	6.8	7.8	93	89	8.8	9.8	135	130
1 x 2.5	6.2	7.2	70	7.2	8.2	111	107	9.2	10.5	154	149
1 x 4	6.8	7.6	90	7.8	8.6	135	130	9.8	11.0	180	174
1 x 6	7.3	8.2	115	8.3	9.4	164	159	10.3	11.5	209	204
1 x 10	8.5	9.6	169	9.5	10.5	228	221	11.3	12.5	274	268
1 x 16	9.5	11.0	237	10.5	12.0	304	297	12.5	14.0	355	348
1 x 25	11.4	13.0	358	12.9	14.5	476	464	14.9	16.5	532	519
1 x 35	12.7	14.0	469	14.2	15.5	603	589	16.4	18.0	668	654
1 x 50	14.5	16.0	624	16.0	17.5	780	765	18.2	20.0	848	833
1 x 70	16.3	18.0	862	17.8	20.0	1046	1029	20.0	22.0	1121	1104
1 x 95	18.8	21.0	1164	20.3	22.5	1382	1362	22.7	25.0	1458	1438
1 x 120	20.6	22.5	1441	22.1	24.0	1688	1666	24.7	27.0	1769	1748
1 x 150	22.8	24.5	1764	24.3	26.5	2044	2021	26.9	29.0	2125	2102
1 x 185	25.2	27.5	2194	26.7	29.0	2515	2489	29.5	32.0	2606	2580
1 x 240	28.5	30.5	2848	30.0	32.0	3229	3199	33.0	35.5	3321	3292
1 x 300	31.5	33.5	3540	33.5	36.0	4069	4026	36.5	39.0	4172	4128
2 x 1	9.0	10.5	90	10.0	11.5	147	141	12.0	13.5	203	197
2 x 1.5	9.6	11.0	106	10.6	12.0	167	160	12.6	14.0	224	217
2 x 2.5	10.4	12.0	135	11.9	13.5	234	222	13.9	15.5	296	285
2 x 4	11.8	13.0	181	13.3	14.5	293	281	15.3	16.5	359	346
2 x 6	12.8	14.5	231	14.3	16.0	354	340	16.5	18.0	431	417
2 x 10	15.0	16.5	340	16.5	18.0	486	470	18.7	20.5	570	554
2 x 16	17.2	19.0	486	18.7	20.5	657	639	21.1	23.0	756	738
2 x 25	20.8	23.0	730	22.3	24.5	943	921	24.9	27.0	1063	1041
2 x 35	23.6	25.5	966	25.1	27.0	1213	1188	27.7	30.0	1340	1315
2 x 50	27.0	29.5	1281	28.5	31.0	1571	1543	31.3	34.0	1721	1693
2 x 70	31.0	33.5	1774	33.0	35.5	2210	2167	36.0	39.0	2384	2341
2 x 95	36.0	39.0	2421	38.0	41.0	2943	2893	41.4	45.0	3161	3112
2 x 120	39.4	42.5	2983	41.4	44.5	3569	3515	44.8	48.0	3788	3734
2 x 1+E	9.5	11.0	114	10.5	12.0	175	168	12.5	14.0	232	225
2 x 1.5+E	10.2	11.5	136	11.7	13.0	233	222	13.7	15.0	294	282
2 x 2.5+E	11.2	12.5	183	12.7	14.5	291	279	14.7	16.5	355	343
2 x 4+E	12.5	14.0	242	14.0	15.5	363	350	16.2	17.5	436	423
2 x 6+E	13.6	15.5	320	15.1	17.0	456	441	17.3	19.0	533	518
2 x 10+E	16.0	17.5	468	17.5	19.0	629	612	19.7	21.5	721	704
2 x 16+E	18.3	20.5	677	19.8	22.0	867	847	22.2	24.5	965	945
3 x 25+E	23.7	26.0	933	25.2	27.5	1178	1154	27.8	30.5	1131	1107
3 x 35+E	27.5	30.0	1293	29.0	31.5	1587	1559	31.8	34.5	1523	1494
3 x 50+E	30.6	33.0	1607	32.6	35.5	2028	1986	35.6	38.5	1948	1906
3 x 70+E	34.8	37.5	2196	36.8	39.5	2692	2645	40.0	43.0	2583	2535
3 x 95+E	40.4	44.0	2989	42.4	46.0	3584	3529	46.0	50.0	3434	3379
3 x 120+E	44.7	48.0	3799	46.7	50.0	4482	4421	50.5	54.0	4292	4231
3 x 1	9.5	11.0	114	10.5	12.0	175	168	12.5	14.0	232	225
3 x 1.5	10.2	11.5	136	11.7	13.0	233	222	13.7	15.0	294	282
3 x 2.5	11.2	12.5	183	12.7	14.5	291	279	14.7	16.5	355	343
3 x 4	12.5	14.0	242	14.0	15.5	363	350	16.2	17.5	436	423
3 x 6	13.6	15.5	320	15.1	17.0	456	441	17.3	19.0	533	518
3 x 10	16.0	17.5	468	17.5	19.0	629	612	19.7	21.5	721	704
3 x 16	18.3	20.5	677	19.8	22.0	867	847	22.2	24.5	965	945
3 x 25	22.4	24.5	1039	23.9	26.0	1280	1257	26.5	29.0	1397	1374
3 x 35	25.4	27.5	1381	26.9	29.0	1663	1637	29.7	32.0	1795	1769
3 x 50	29.1	31.5	1838	30.6	33.0	2173	2143	33.6	36.5	2327	2297
3 x 70	33.4	36.0	2555	35.4	38.0	3055	3009	38.6	41.5	3226	3180
3 x 95	38.7	42.0	3493	40.7	44.0	4097	4044	44.1	47.5	4287	4233
3 x 120	42.4	45.5	4317	44.4	47.5	5002	4944	48.0	51.5	5204	5146
3 x 150	47.1	50.5	5299	49.1	52.5	6084	6020	52.9	56.5	6302	6238
3 x 185	52.3	56.0	6605	54.3	58.5	7511	7440	58.5	62.5	7771	7700

CEPJ/SC, CEPF/SC系列

(CEF系列参照使用)

芯数x截面 No. of cores x sectional area	CEPJ/SC, CEPF/SC			CEPJ80/SC, CEPF80/SC CEPJ90/SC, CEPF90/SC				CEPJ85/SC, CEPF86/SC CEPJ95/SC, CEPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No. x mm ²	Nom.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
4 x 1	10.4	12.0	135	11.9	13.5	231	220	13.9	15.5	291	280
4 x 1.5	11.3	13.0	168	12.8	14.5	273	261	14.8	16.5	336	324
4 x 2.5	12.3	14.0	223	13.8	15.5	338	325	15.8	17.5	403	390
4 x 4	13.9	15.0	304	15.4	17.0	436	422	17.6	19.0	512	498
4 x 6	15.1	17.0	398	16.6	18.5	545	529	18.8	20.5	624	608
4 x 10	17.8	19.5	600	19.3	21.0	779	760	21.7	23.5	872	854
4 x 16	20.4	22.5	874	21.9	24.0	1087	1066	24.3	26.5	1183	1162
4 x 25	24.9	27.5	1345	26.4	29.0	1618	1593	29.2	32.0	1749	1723
4 x 35	28.2	30.5	1793	29.7	32.0	2115	2087	32.5	35.0	2243	2214
4 x 50	32.3	35.5	2393	34.3	37.5	2869	2825	37.5	41.0	3040	2996
4 x 70	37.1	40.0	3334	39.1	42.0	3909	3858	42.5	46.0	4090	4039
4 x 95	43.0	47.0	4566	45.0	49.0	5266	5208	48.6	52.5	5459	5401
4 x 120	47.3	51.0	5673	49.3	53.0	6475	6411	53.1	57.0	6674	6610
4 x 150	52.5	56.0	6964	54.5	58.0	7886	7815	58.7	62.5	8123	8052
5 x 1	11.5	13.0	172	13.0	14.5	282	269	15.0	16.5	347	334
7 x 1	12.5	14.0	220	14.0	15.5	340	327	16.2	18.0	417	404
10 x 1	16.0	18.0	311	17.5	19.5	464	447	19.7	22.0	567	550
12 x 1	16.7	18.5	364	18.2	20.0	525	508	20.6	22.5	628	610
14 x 1	17.6	19.5	412	19.1	21.0	583	564	21.5	23.5	689	670
16 x 1	18.5	20.5	460	20.0	22.0	641	621	22.4	24.5	752	733
19 x 1	19.7	22.0	539	21.2	23.5	733	712	23.6	26.0	847	826
24 x 1	23.2	25.5	680	24.7	27.0	909	885	27.3	30.0	1051	1026
27 x 1	23.7	26.0	746	25.2	27.5	983	958	27.8	30.5	1124	1099
30 x 1	24.8	27.5	827	26.3	29.0	1077	1051	29.1	32.0	1237	1211
33 x 1	25.7	28.5	898	27.2	30.0	1159	1132	30.0	33.0	1321	1294
37 x 1	26.7	29.5	989	28.2	31.0	1262	1235	31.0	34.0	1427	1399
5 x 1.5	12.3	14.0	207	13.8	15.5	325	312	15.8	17.5	400	387
7 x 1.5	13.4	15.0	268	14.9	17.0	398	383	17.1	19.0	477	463
10 x 1.5	17.4	19.5	388	18.9	21.0	556	538	21.3	23.5	663	644
12 x 1.5	18.0	20.0	446	19.5	21.5	622	603	21.9	24.0	728	709
14 x 1.5	18.9	21.0	506	20.4	22.5	692	672	22.8	25.0	801	781
16 x 1.5	20.1	22.5	576	21.6	24.0	775	754	24.0	26.5	901	880
19 x 1.5	21.2	23.5	665	22.7	25.0	878	855	25.3	27.5	1007	985
24 x 1.5	25.2	27.5	850	26.7	29.5	1104	1078	29.5	32.5	1263	1237
27 x 1.5	25.7	28.5	935	27.2	30.0	1197	1171	30.0	33.0	1358	1331
30 x 1.5	26.7	29.5	1024	28.2	31.0	1299	1271	31.0	34.0	1461	1434
33 x 1.5	27.9	30.5	1126	29.4	32.5	1416	1387	32.2	35.0	1579	1551
37 x 1.5	29.0	32.0	1243	30.5	33.5	1547	1518	33.5	36.5	1731	1701
5 x 2.5	13.4	15.0	275	14.9	17.0	405	391	17.1	19.0	485	470
7 x 2.5	14.8	16.5	368	16.3	18.0	514	498	18.5	20.5	596	580
10 x 2.5	19.0	21.0	530	20.5	23.0	720	700	22.9	25.5	828	808
12 x 2.5	19.8	22.0	612	21.3	23.5	811	790	23.7	26.0	921	900
14 x 2.5	20.8	23.0	698	22.3	24.5	909	887	24.9	27.5	1031	1010
16 x 2.5	22.2	24.5	796	23.7	26.0	1023	1000	26.3	29.0	1149	1126
19 x 2.5	23.4	25.5	922	24.9	27.5	1165	1141	27.5	30.0	1295	1270
24 x 2.5	27.8	30.5	1176	29.3	32.0	1467	1439	32.1	35.0	1629	1600
27 x 2.5	28.4	31.0	1298	29.9	32.5	1600	1571	32.7	35.5	1774	1745
30 x 2.5	29.4	32.5	1424	30.9	34.0	1741	1710	33.9	37.0	1919	1888
33 x 2.5	30.8	33.5	1566	32.8	36.0	1989	1946	35.8	39.0	2174	2131
37 x 2.5	32.0	35.0	1733	34.0	37.5	2177	2133	37.2	40.5	2382	2337

注: a) CEV, CEF阻燃系列电缆参照上述数据使用

b) 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: a) Data above can be used for CEV and CEF flame retardant series cable.

b) Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CEPJR/SC系列,CEPFR/SC系列

0.6/1kV

乙丙橡胶绝缘电力软电缆

EPR insulated shipboard power flexible calbe

图例 Example:

CEPFR/SC
4X70



型号: CEPJR/SC
Type: CEPJR80/SC
CEPJR90/SC
CEPJR85/SC
CEPJR95/SC
CEPFR/SC
CEPFR80/SC
CEPFR90/SC
CEPFR86/SC
CEPFR96/SC

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

执行标准 Standards applied

- IEC 60092-353 – 设计 Design
- IEC 60228 Class 5 – 导体 Conductor
- IEC 60092-360 – 绝缘 Insulation
- IEC 60092-360 – 护套 Sheath
- IEC 60332-3-22 – 阻燃 Flame Retardant
- IEC 60754 – 无卤 Halogen Free
- IEC 61034 – 低烟 Low Smoke
- IEC60092-350 – 结构 Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合软退火铜 (或镀锡铜), IEC 60228 Class 5 Stranded annealed o r tinned copper (STC), IEC 60228 Class 5
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-360
护套 Sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
结构 Construction	R	软结构导体 Flexible copper conductor
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CEFR/SA系列,CEVR/SA系列

0.6/1kV

乙丙橡胶绝缘电力软电缆

EPR insulated shipboard power flexible calbe

图例 Example:

CEFR/SA
3X120



型号: CEVR/SA
Type: CEVR80/SA
CEVR90/SA
CEVR82/SA
CEVR92/SA
CEFR/SA
CEFR80/SA
CEFR90/SA
CEFR82/SA
CEFR92/SA

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

- IEC 60092-353 - 设计 Design
- IEC 60228 Class 5 - 导体 Conductor
- IEC 60092-360 - 绝缘 Insulation
- IEC 60092-360 - 护套 Sheath
- IEC 60332-3-22 - 阻燃 Flame Retardant
- IEC60092-350 - 结构 Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合软退火铜 (或镀锡铜), IEC 60228 Class 5 Stranded tinned annealed o r tinned copper (STC), IEC 60228 Class 5
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-360
成缆 Laying up		线芯绞合成缆 Cores are laid up together
护套 Inner sheath	F	氯丁橡胶 PCP
	V	聚氯乙烯 PVC
结构 Construction	R	软结构导体 Flexible copper conductor
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CEPJR/SC, CEPFR/SC系列

芯数x截面 No. of cores x sectional area	CEPJR/SC, CEPFR/SC			CEPJR80/SC, CEPFR80/SC CEPJR90/SC, CEPFR90/SC				CEPJR85/SC, CEPFR86/SC CEPJR95/SC, CEPFR96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No. x mm ²	Nom.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1 x 1	5.7	6.6	45	6.8	7.6	80	76	8.9	9.8	114	110
1 x 1.5	6.2	7.2	55	7.3	8.2	93	89	9.4	10.5	130	125
1 x 2.5	6.7	7.6	70	7.8	8.6	112	107	9.9	11.0	149	144
1 x 4	7.2	8.0	90	8.3	9.2	135	130	10.4	11.5	174	169
1 x 6	8.2	9.4	120	9.3	10.5	172	167	11.4	12.5	214	209
1 x 10	9.2	10.5	177	10.3	11.5	238	231	12.4	13.5	282	275
1 x 16	10.2	11.5	240	11.8	13.0	339	328	13.9	15.0	387	376
1 x 25	12.2	13.5	358	13.8	15.0	479	467	15.9	17.5	530	517
1 x 35	13.5	15.0	472	15.1	16.5	609	595	17.4	19.0	668	654
1 x 50	15.7	17.5	660	17.3	19.0	825	808	19.6	21.0	885	869
1 x 70	18.7	20.5	910	20.3	22.0	1111	1092	22.8	24.5	1186	1167
1 x 95	22.4	24.5	1212	24.0	26.0	1458	1435	26.7	28.5	1551	1528
1 x 120	23.8	26.0	1489	25.4	27.5	1761	1736	28.1	30.0	1847	1823
1 x 150	25.6	27.5	1826	27.2	29.5	2129	2103	30.1	32.5	2223	2197
1 x 185	28.3	30.5	2225	29.9	32.0	2570	2541	32.8	35.0	2661	2632
1 x 240	31.9	34.5	2891	34.0	36.5	3388	3344	37.3	40.0	3507	3463
1 x 300	35.2	38.0	3575	37.3	40.0	4141	4094	40.6	43.5	4251	4203
2 x 1	9.4	10.5	90	10.5	12.0	147	141	12.6	14.0	196	190
2 x 1.5	10.0	11.5	106	11.1	12.5	167	160	13.2	14.5	218	211
2 x 2.5	11.0	12.0	135	12.6	14.0	235	224	14.7	16.0	292	280
2 x 4	12.2	13.5	181	13.8	15.0	293	281	15.9	17.0	353	341
2 x 6	14.4	16.0	249	16.0	18.0	383	368	18.3	20.0	457	442
2 x 10	16.0	18.0	357	17.6	19.5	509	492	19.9	22.0	587	570
2 x 16	18.2	20.0	492	19.8	22.0	668	650	22.3	24.5	761	742
2 x 25	22.0	24.5	730	23.6	26.0	949	926	26.3	28.5	1063	1040
2 x 35	25.0	27.5	984	26.6	29.0	1240	1214	29.5	32.0	1372	1346
2 x 50	29.2	31.5	1367	30.8	33.5	1676	1646	33.9	36.5	1832	1802
2 x 70	35.2	38.0	1895	37.3	40.5	2377	2330	40.6	43.5	2571	2523
2 x 95	42.4	45.5	2533	44.5	47.5	3125	3067	48.2	51.5	3384	3326
2 x 120	45.4	48.5	3115	47.5	51.0	3768	3707	51.4	55.0	4047	3985
2 x 1+E	9.9	11.5	114	11.0	12.5	175	168	13.1	14.5	225	218
2 x 1.5+E	10.6	12.0	136	12.2	13.5	233	222	14.3	15.5	288	277
2 x 2.5+E	11.9	13.0	182	13.5	14.5	292	280	15.6	17.0	351	338
2 x 4+E	12.9	14.0	241	14.5	16.0	362	349	16.8	18.0	430	416
2 x 6+E	15.3	17.0	334	16.9	18.5	479	463	19.2	21.0	555	539
2 x 10+E	17.2	19.0	500	18.8	21.0	669	651	21.3	23.5	755	738
2 x 16+E	19.6	21.5	694	21.2	23.0	892	872	23.7	25.5	982	961
3 x 25+E	25.1	27.5	1042	26.7	29.0	1302	1276	29.6	32.0	1432	1406
3 x 35+E	28.7	31.0	1280	30.3	33.0	1570	1542	33.4	35.5	1704	1676
3 x 50+E	32.5	35.5	1630	34.6	37.5	2070	2026	37.9	40.5	2257	2213
3 x 70+E	39.0	42.0	2290	41.1	44.5	2833	2780	44.6	47.5	3055	3002
3 x 95+E	46.8	50.5	3184	48.9	52.5	3856	3792	52.8	56.0	4143	4080
3 x 120+E	51.2	54.5	3986	53.3	56.5	4745	4676	57.4	60.5	5058	4989
3 x 1	9.9	11.5	114	11.0	12.5	175	168	13.1	14.5	225	218
3 x 1.5	10.6	12.0	136	12.2	13.5	233	222	14.3	15.5	288	277
3 x 2.5	11.9	13.0	182	13.5	14.5	292	280	15.6	17.0	351	338
3 x 4	12.9	14.0	241	14.5	16.0	362	349	16.8	18.0	430	416
3 x 6	15.3	17.0	334	16.9	18.5	479	463	19.2	21.0	555	539
3 x 10	17.2	19.0	500	18.8	21.0	669	651	21.3	23.5	755	738
3 x 16	19.6	21.5	694	21.2	23.0	892	872	23.7	25.5	982	961
3 x 25	23.7	26.0	1037	25.3	27.5	1285	1261	28.0	30.5	1394	1370
3 x 35	26.7	29.0	1388	28.3	30.5	1678	1651	31.2	33.5	1801	1774
3 x 50	31.4	34.0	1957	33.5	36.0	2402	2359	36.6	39.5	2547	2504
3 x 70	37.8	41.0	2716	39.9	43.0	3268	3216	43.4	46.5	3459	3407
3 x 95	45.6	49.0	3623	47.7	51.0	4304	4242	51.6	55.0	4559	4497
3 x 120	48.8	52.5	4475	50.9	54.5	5233	5167	55.0	59.0	5499	5432
3 x 150	52.7	56.5	5502	54.8	58.5	6353	6282	59.1	63.0	6631	6560
3 x 185	58.5	62.5	6717	60.6	64.5	7692	7613	65.1	69.0	7995	7916

CEPJR/SC, CEPFR/SC系列

芯数x截面 No. of cores x sectional area	CEPJR/SC, CEPFR/SC			CEPJR80/SC, CEPFR80/SC CEPJR90/SC, CEPFR90/SC				CEPJR85/SC, CEPFR86/SC CEPJR95/SC, CEPFR96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No. x mm ²	Nom.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
4 x 1	10.8	12.0	140	12.4	14.0	239	228	14.5	16.0	294	283
4 x 1.5	11.7	13.0	173	13.3	15.0	281	269	15.4	17.0	339	327
4 x 2.5	12.9	14.0	227	14.5	16.0	347	334	16.8	18.0	416	402
4 x 4	14.3	15.5	311	15.9	17.0	447	432	18.2	19.5	518	503
4 x 6	17.0	19.0	432	18.6	20.5	596	578	21.1	23.0	685	667
4 x 10	18.9	21.0	641	20.5	23.0	831	811	23.0	25.5	919	900
4 x 16	21.5	24.0	893	23.1	25.5	1116	1094	25.8	28.0	1218	1196
4 x 25	25.3	27.5	1311	26.9	29.5	1586	1560	29.8	32.5	1704	1678
4 x 35	29.6	32.5	1816	31.2	34.0	2151	2121	34.3	37.0	2287	2256
4 x 50	33.9	37.0	2505	36.0	39.0	3004	2958	39.3	42.0	3158	3111
4 x 70	42.2	45.5	3576	44.3	47.5	4218	4161	48.0	51.5	4423	4366
4 x 95	49.8	53.5	4680	51.9	55.5	5459	5392	56.0	60.0	5724	5656
4 x 120	54.4	58.5	5889	56.5	60.5	6778	6704	60.8	65.0	7053	6979
4 x 150	57.7	62.0	7147	59.8	64.0	8134	8057	64.3	68.5	8408	8330
5 x 1	11.9	13.5	171	13.5	15.0	281	268	15.6	17.0	340	327
7 x 1	12.9	14.5	219	14.5	16.0	339	326	16.8	18.5	408	394
10 x 1	16.4	18.5	310	18.0	20.0	463	446	20.5	22.5	554	537
12 x 1	17.1	19.0	363	18.7	20.5	524	506	21.2	23.0	616	599
14 x 1	18.0	20.0	411	19.6	21.5	582	563	22.1	24.0	677	658
16 x 1	18.9	21.0	459	20.5	23.0	639	620	23.0	25.5	737	717
19 x 1	20.1	22.5	537	21.7	24.0	731	710	24.2	26.5	832	811
24 x 1	23.6	26.0	677	25.2	27.5	906	882	27.9	30.5	1032	1008
27 x 1	24.1	26.5	743	25.7	28.0	980	955	28.4	31.0	1105	1081
30 x 1	25.2	27.5	824	26.8	29.5	1074	1048	29.7	32.5	1215	1190
33 x 1	26.1	29.0	894	27.7	30.5	1154	1128	30.6	33.5	1298	1272
37 x 1	27.1	30.0	985	28.7	31.5	1258	1230	31.6	34.5	1404	1377
5 x 1.5	12.7	14.5	206	14.3	16.0	324	310	16.6	18.0	393	379
7 x 1.5	13.8	15.5	267	15.4	17.0	397	382	17.7	19.5	467	453
10 x 1.5	17.8	20.0	386	19.4	21.5	554	536	21.9	24.0	650	631
12 x 1.5	18.4	20.5	444	20.0	22.0	620	601	22.5	24.5	715	696
14 x 1.5	19.3	21.5	504	20.9	23.0	690	670	23.4	25.5	787	768
16 x 1.5	20.5	22.5	574	22.1	24.5	773	752	24.8	27.0	885	864
19 x 1.5	21.6	24.0	662	23.2	25.5	874	852	25.9	28.5	989	967
24 x 1.5	25.6	28.0	847	27.2	29.5	1101	1075	30.1	32.5	1244	1218
27 x 1.5	26.1	29.0	931	27.7	30.5	1193	1167	30.6	33.5	1335	1309
30 x 1.5	27.1	30.0	1020	28.7	31.5	1295	1267	31.6	34.5	1439	1411
33 x 1.5	28.3	31.0	1121	29.9	32.5	1410	1382	32.8	35.5	1558	1529
37 x 1.5	29.4	32.5	1238	31.0	34.0	1542	1512	34.1	37.0	1706	1676
5 x 2.5	14.3	15.5	279	15.9	17.0	413	398	18.2	19.5	486	472
7 x 2.5	15.5	17.0	364	17.1	18.5	512	496	19.4	21.0	587	571
10 x 2.5	20.0	21.5	525	21.6	23.0	718	697	24.1	25.5	818	797
12 x 2.5	20.7	22.5	606	22.3	24.0	808	787	25.0	26.5	920	899
14 x 2.5	21.7	23.5	690	23.3	25.0	905	882	26.0	27.5	1018	996
16 x 2.5	23.1	25.0	786	24.7	26.5	1017	993	27.4	29.0	1134	1111
19 x 2.5	24.3	26.0	910	25.9	27.5	1157	1132	28.6	30.5	1275	1250
24 x 2.5	28.8	31.0	1161	30.4	32.5	1457	1427	33.5	35.5	1620	1591
27 x 2.5	29.4	31.5	1280	31.0	33.0	1586	1556	34.1	36.0	1749	1719
30 x 2.5	30.7	33.0	1419	32.8	35.0	1829	1787	35.9	38.0	1996	1954
33 x 2.5	31.9	34.0	1544	34.0	36.0	1973	1930	37.3	39.5	2160	2117
37 x 2.5	33.3	35.5	1723	35.4	37.5	2176	2131	38.7	41.0	2365	2319

注: a) CEVR, CEFR阻燃系列电缆参照上述数据使用

b) 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: a) Data above can be used for CEVR and CEFR flame retardant series cable.

b) Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CEPJ/NC系列, CEPF/NC系列

0.6/1kV

乙丙橡胶绝缘低烟无卤电力电缆

EPR insulated halogen-free low-smoke shipboard power cable

图例 Example:

CEPF86/NC
3X120



型号: CEPJ/NC
Type: CEPJ80/NC
CEPJ90/NC
CEPJ85/NC
CEPJ95/NC
CEPF/NC
CEPF80/NC
CEPF90/NC
CEPF86/NC
CEPF96/NC

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

IEC 60092-353 – 设计 Design
IEC 60228 Class2 – 导体 Conductor
IEC 60092-360 – 绝缘 Insulation
IEC 60092-360 – 护套 Sheath
IEC 60331 – 耐火 Fire Resistant
IEC 60332-3-22 – 阻燃 Flame Retardant
IEC 60754 – 无卤 Halogen Free
IEC 61034 – 低烟 LowSmoke
IEC60092-350 – 结构 Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜(或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CEV/NA系列,CEF/NA系列

0.6/1kV

乙丙橡胶绝缘电力电缆

EPR insulated shipboard power cable

图例 Example:

CEF92/NA
3X120



型号: CEV/NA

Type: CEF80/NA

CEF90/NA

CEF82/NA

CEF92/NA

CEF/NA

CEF80/NA

CEF90/NA

CEF82/NA

CEF92/NA

用途 Application

船用电力电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for power lighting and control system of shipboard and off-shore building such as oil platform. It is also available to metallurgical industry, chemical works, power plant and corporation mining etc

结构 Construction

执行标准 Standards applied

IEC 60092-353	- 设计	Design
IEC 60228 Class2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60331	- 耐火	Fire Resistant
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC60092-350	- 结构	Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	C	船用电力电缆 Shipboard power cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-360
内护套 Inner sheath	F	氯丁橡胶 PCP
	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CEPJ/NC, CEPF/NC系列
(CEF系列参照使用)

芯数x截面 No. of cores x sectional area	CEPJ/NC, CEPF/NC			CEPJ80/NC, CEPF80/NC CEPJ90/NC, CEPF90/NC				CEPJ85/NC, CEPF86/NC CEPJ95/NC, CEPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1 x 1	6.1	7.0	56	7.1	8.0	96	91	9.1	10.0	137	133
1 x 1.5	6.4	7.4	64	7.4	8.4	106	101	9.4	10.5	149	145
1 x 2.5	6.8	7.8	79	7.8	8.8	124	119	9.8	11.0	169	164
1 x 4	7.4	8.2	101	8.4	9.4	150	145	10.4	11.5	196	190
1 x 6	7.9	8.9	126	8.9	10.0	179	173	10.9	12.0	226	220
1 x 10	9.1	10.5	182	10.1	11.5	244	238	12.1	13.5	295	289
1 x 16	10.1	11.5	251	11.6	13.0	353	342	13.6	15.0	408	397
1 x 25	12.0	13.5	375	13.5	15.0	499	486	15.5	17.0	566	553
1 x 35	13.3	14.5	488	14.8	16.5	628	614	17.0	18.5	694	680
1 x 50	15.1	16.5	646	16.6	18.5	808	792	18.8	20.5	877	861
1 x 70	17.1	19.0	886	18.6	20.5	1077	1058	21.0	23.0	1156	1138
1 x 95	19.6	21.5	1200	21.1	23.0	1426	1406	23.5	25.5	1504	1483
1 x 120	21.2	23.0	1471	22.7	24.5	1724	1702	25.3	27.5	1810	1788
1 x 150	23.4	25.5	1797	24.9	27.0	2084	2060	27.5	29.5	2166	2142
1 x 185	25.8	28.0	2230	27.3	29.5	2558	2531	30.1	32.5	2651	2624
1 x 240	29.1	31.0	2889	30.6	33.0	3277	3247	33.6	36.0	3374	3344
1 x 300	32.1	34.5	3585	34.1	36.5	4123	4079	37.3	40.0	4227	4183
2 x 1	10.2	11.5	108	11.7	13.0	204	193	13.7	15.0	265	254
2 x 1.5	10.8	12.5	124	12.3	14.0	226	214	14.3	16.0	291	279
2 x 2.5	11.8	13.0	160	13.3	15.0	271	259	15.3	17.0	340	327
2 x 4	13.0	14.5	203	14.5	16.0	326	312	16.7	18.0	405	391
2 x 6	14.2	16.0	261	15.7	17.5	397	382	17.9	19.5	480	464
2 x 10	16.2	18.0	366	17.7	19.5	523	506	19.9	22.0	623	606
2 x 16	18.4	20.5	515	19.9	22.0	697	678	22.3	24.5	804	785
2 x 25	22.2	24.5	775	23.7	26.0	1001	978	26.3	28.5	1129	1106
2 x 35	25.0	27.0	1017	26.5	28.5	1278	1252	29.3	31.5	1425	1399
2 x 50	28.4	31.0	1338	29.9	32.5	1642	1613	32.7	35.5	1815	1785
2 x 70	32.2	35.0	1825	34.2	37.0	2276	2232	37.4	40.5	2476	2431
2 x 95	37.2	40.5	2479	39.2	42.5	3017	2965	42.6	46.0	3244	3193
2 x 120	40.6	44.0	3066	42.6	46.0	3672	3616	46.2	50.0	3918	3862
2 x 1+E	10.8	12.5	137	12.3	14.0	239	227	14.3	16.0	304	292
2 x 1.5+E	11.7	13.0	166	13.2	14.5	277	264	15.2	17.0	343	330
2 x 2.5+E	12.5	14.0	210	14.0	15.5	330	316	16.2	18.0	407	394
2 x 4+E	14.0	15.5	277	15.5	17.0	412	397	17.7	19.0	492	477
2 x 6+E	15.1	16.5	352	16.6	18.5	500	484	18.8	20.5	583	567
2 x 10+E	17.5	19.0	513	19.0	21.0	688	670	21.4	23.5	789	770
2 x 16+E	19.8	22.0	727	21.3	23.5	931	911	23.7	26.0	1035	1015
3 x 25+E	25.3	27.5	991	26.8	29.5	1252	1226	29.6	32.5	1203	1177
3 x 35+E	28.9	31.5	1348	30.4	33.0	1656	1626	33.4	36.0	1589	1559
3 x 50+E	32.0	35.0	1668	34.0	37.0	2108	2064	37.2	40.0	2024	1980
3 x 70+E	36.5	39.5	2280	38.5	41.5	2798	2748	41.9	45.0	2684	2634
3 x 95+E	42.0	45.5	3086	44.0	47.5	3704	3647	47.6	51.5	3551	3493
3 x 120+E	46.4	50.0	3906	48.4	52.0	4612	4549	52.2	56.0	4416	4353
3 x 1	10.8	12.5	137	12.3	14.0	239	227	14.3	16.0	304	292
3 x 1.5	11.7	13.0	166	13.2	14.5	277	264	15.2	17.0	343	330
3 x 2.5	12.5	14.0	210	14.0	15.5	330	316	16.2	18.0	407	394
3 x 4	14.0	15.5	277	15.5	17.0	412	397	17.7	19.0	492	477
3 x 6	15.1	16.5	352	16.6	18.5	500	484	18.8	20.5	583	567
3 x 10	17.5	19.0	513	19.0	21.0	688	670	21.4	23.5	789	770
3 x 16	19.8	22.0	727	21.3	23.5	931	911	23.7	26.0	1035	1015
3 x 25	23.7	26.0	1088	25.2	27.5	1342	1317	27.8	30.5	1463	1439
3 x 35	26.7	29.0	1436	28.2	30.5	1732	1704	31.0	33.5	1871	1843
3 x 50	30.6	33.0	1916	32.6	35.5	2354	2312	35.6	38.5	2518	2475
3 x 70	34.7	37.5	2627	36.7	39.5	3145	3097	39.9	43.0	3323	3275
3 x 95	40.0	43.5	3576	42.0	45.5	4199	4144	45.6	49.5	4420	4366
3 x 120	43.9	47.0	4428	45.9	49.5	5135	5075	49.5	53.0	5366	5306
3 x 150	48.4	51.5	5399	50.4	54.0	6203	6137	54.4	58.0	6454	6388
3 x 185	53.6	58.0	6715	55.6	60.0	7641	7568	59.8	64.5	7910	7837

CEPJ/NC, CEPF/NC系列
(CEF系列参照使用)

芯数x截面 No. of cores x sectional area	CEPJ/NC, CEPF/NC			CEPJ80/NC, CEPF80/NC CEPJ90/NC, CEPF90/NC				CEPJ85/NC, CEPF86/NC CEPJ95/NC, CEPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
4 x 1	12.0	13.5	169	13.5	15.0	279	267	15.5	17.0	344	332
4 x 1.5	12.8	14.5	199	14.3	16.0	317	304	16.5	18.0	393	380
4 x 2.5	13.9	15.5	262	15.4	17.0	392	378	17.6	19.5	472	458
4 x 4	15.4	17.0	342	16.9	18.5	488	472	19.1	20.5	570	554
4 x 6	16.8	18.5	447	18.3	20.0	610	593	20.7	22.5	705	688
4 x 10	19.4	21.5	655	20.9	23.0	849	829	23.3	25.5	951	931
4 x 16	22.0	24.5	936	23.5	26.0	1165	1143	26.1	28.5	1282	1259
4 x 25	26.3	29.0	1408	27.8	30.5	1696	1669	30.6	33.5	1833	1806
4 x 35	29.7	32.5	1865	31.2	34.0	2203	2173	34.2	37.0	2355	2325
4 x 50	34.0	37.0	2490	36.0	39.0	2989	2943	39.2	42.5	3167	3121
4 x 70	38.7	42.0	3444	40.7	44.0	4042	3989	44.1	47.5	4229	4176
4 x 95	44.7	48.5	4695	46.7	50.5	5420	5359	50.5	54.5	5646	5585
4 x 120	49.0	52.5	5814	51.0	54.5	6641	6575	55.0	59.0	6876	6810
4 x 150	54.0	58.0	7094	56.0	60.0	8039	7966	60.2	64.5	8289	8217
5 x 1	13.1	14.5	208	14.6	16.5	332	318	16.8	18.5	413	399
7 x 1	14.5	16.0	274	16.0	18.0	413	397	18.2	20.0	498	482
10 x 1	18.6	20.5	388	20.1	22.0	566	546	22.5	24.5	681	661
12 x 1	19.4	21.5	453	20.9	23.0	640	620	23.3	25.5	755	735
14 x 1	20.4	22.5	512	21.9	24.0	710	689	24.3	26.5	839	818
16 x 1	21.5	24.0	573	23.0	25.5	783	761	25.6	28.5	918	895
19 x 1	22.9	25.0	670	24.4	27.0	897	873	27.0	29.5	1036	1012
24 x 1	27.0	30.0	845	28.5	31.5	1113	1085	31.3	34.5	1288	1260
27 x 1	27.8	30.5	940	29.3	32.0	1220	1191	32.1	35.0	1393	1365
30 x 1	28.8	31.5	1027	30.3	33.0	1319	1289	33.3	36.0	1510	1480
33 x 1	30.1	33.0	1129	32.1	35.0	1523	1481	35.1	38.0	1722	1680
37 x 1	31.3	34.0	1244	33.3	36.5	1656	1613	36.3	39.5	1860	1817
5 x 1.5	14.1	16.0	252	15.6	17.5	387	371	17.8	19.5	470	455
7 x 1.5	15.4	17.0	325	16.9	18.5	474	457	19.1	21.0	561	545
10 x 1.5	20.0	22.0	470	21.5	23.5	663	642	23.9	26.0	794	773
12 x 1.5	20.7	23.0	540	22.2	24.5	742	721	24.8	27.0	873	851
14 x 1.5	21.7	24.0	623	23.2	25.5	839	816	25.8	28.5	974	951
16 x 1.5	23.1	25.5	697	24.6	27.0	927	902	27.2	29.5	1064	1040
19 x 1.5	24.4	27.0	816	25.9	28.5	1064	1038	28.5	31.5	1221	1195
24 x 1.5	29.0	31.5	1028	30.5	33.5	1322	1292	33.5	36.5	1516	1486
27 x 1.5	29.6	32.5	1130	31.1	34.0	1434	1403	34.1	37.5	1627	1596
30 x 1.5	30.9	34.0	1251	32.9	36.0	1659	1617	35.9	39.0	1860	1818
33 x 1.5	32.1	35.5	1360	34.1	37.5	1787	1742	37.3	41.0	2009	1965
37 x 1.5	33.6	36.5	1517	35.6	39.0	1968	1921	38.8	42.0	2194	2148
5 x 2.5	15.2	17.0	323	16.7	18.5	470	454	18.9	21.0	555	539
7 x 2.5	16.8	18.5	431	18.3	20.0	596	579	20.7	22.5	695	677
10 x 2.5	21.6	24.0	610	23.1	25.5	823	800	25.7	28.5	956	933
12 x 2.5	22.5	25.0	716	24.0	26.5	942	918	26.6	29.0	1075	1051
14 x 2.5	23.7	26.0	816	25.2	27.5	1056	1032	27.8	30.5	1190	1166
16 x 2.5	25.2	27.5	928	26.7	29.0	1186	1160	29.5	32.0	1341	1315
19 x 2.5	26.6	29.0	1075	28.1	30.5	1352	1324	30.9	33.5	1509	1481
24 x 2.5	31.6	34.5	1370	33.6	36.5	1792	1748	36.6	39.5	2011	1967
27 x 2.5	32.3	35.5	1512	34.3	37.5	1948	1904	37.5	41.0	2167	2123
30 x 2.5	33.7	36.5	1674	35.7	39.0	2134	2087	38.9	42.0	2352	2305
33 x 2.5	35.0	38.5	1822	37.0	40.5	2303	2255	40.2	44.0	2525	2477
37 x 2.5	36.6	40.0	2033	38.6	42.0	2542	2491	42.0	45.5	2788	2737

注: a) CEV, CEF耐火系列电缆参照上述数据使用

b) 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: a) Data above can be used for CEV and CEF fire resistant series cable.

b) Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJ/SC系列，CHJPF/SC系列

150/250V

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 **Example:**

CHJPJ85/SC
7X2X0.75



型号: **CHJPJ/SC**
Type: **CHJPJ80/SC**
CHJPJ90/SC
CHJPJ85/SC
CHJPJ95/SC
CHJPF/SC
CHJPF80/SC
CHJPF90/SC
CHJPF86/SC
CHJPF96/SC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC 60754	— 无卤	Halogen Free
IEC 61034	— 低烟	Low Smoke
IEC60092-350	— 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜(或镀锡铜)，IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJV/SA系列

150/250V

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication calbe

图例 Example:

CHJV82/SA
7X2X0.75



型号: CHJV/SA
Type: CHJV80/SA
CHJV90/SA
CHJV82/SA
CHJV92/SA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 600092-350	– 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CHJPJ/SC, CHJPF/SC系列

(CHJV/SA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
No. x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	7.0	8.0	54	8.1	9.2	97	92	10.2	11.5	136	131
2x2 x 0.75	10.3	12.0	97	11.9	13.5	190	179	14.0	15.5	246	235
3x2 x 0.75	10.9	12.5	123	12.5	14.5	222	211	14.6	16.5	279	267
4x2 x 0.75	12.1	14.0	156	13.7	15.5	266	254	15.8	17.5	327	315
5x2 x 0.75	13.2	15.0	185	14.8	17.0	306	292	17.1	19.0	378	364
7x2 x 0.75	14.6	16.5	243	16.2	18.0	378	363	18.5	20.5	455	439
10x2 x 0.75	18.7	21.0	345	20.3	23.0	518	499	22.8	25.5	620	601
12x2 x 0.75	19.6	22.0	402	21.2	23.5	585	565	23.7	26.0	690	670
14x2 x 0.75	20.6	23.0	454	22.2	24.5	648	627	24.9	27.5	767	746
16x2 x 0.75	21.7	24.5	506	23.3	26.0	711	689	26.0	29.0	835	813
19x2 x 0.75	23.1	25.5	592	24.7	27.5	813	789	27.4	30.0	940	917
24x2 x 0.75	27.4	30.5	759	29.0	32.0	1023	995	31.9	35.0	1182	1154
27x2 x 0.75	28.0	31.0	830	29.6	32.5	1103	1074	32.5	35.5	1262	1234
30x2 x 0.75	29.0	32.5	905	30.6	34.0	1189	1160	33.7	37.0	1367	1338
33x2 x 0.75	30.4	33.5	996	32.5	36.0	1382	1340	35.6	39.0	1568	1526
37x2 x 0.75	31.6	35.0	1095	33.7	37.5	1499	1456	36.8	40.5	1688	1645
43x2 x 0.75	34.4	38.0	1267	36.5	40.5	1709	1663	39.8	43.5	1928	1882
48x2 x 0.75	36.5	40.5	1413	38.6	42.5	1885	1836	42.1	46.0	2131	2082
1x2 x 1.0	7.6	8.6	64	8.7	9.8	110	105	10.8	12.0	152	147
2x2 x 1.0	11.5	13.0	123	13.1	14.5	227	215	15.2	16.5	286	274
3x2 x 1.0	12.2	14.0	156	13.8	15.5	267	254	15.9	17.5	328	315
4x2 x 1.0	13.3	15.0	192	14.9	17.0	314	300	17.2	19.0	386	372
5x2 x 1.0	14.8	16.5	236	16.4	18.0	372	357	18.7	20.5	450	434
7x2 x 1.0	16.1	18.5	303	17.7	20.0	453	436	20.0	22.0	533	517
10x2 x 1.0	20.9	23.5	439	22.5	25.0	635	613	25.2	27.5	756	734
12x2 x 1.0	21.6	24.5	502	23.2	26.0	706	684	25.9	28.5	829	807
14x2 x 1.0	22.9	25.5	579	24.5	27.0	798	774	27.2	30.0	924	900
16x2 x 1.0	24.2	27.0	647	25.8	28.5	880	855	28.5	31.5	1011	986
19x2 x 1.0	25.7	28.5	756	27.3	30.0	1006	980	30.2	33.0	1155	1128
24x2 x 1.0	30.6	34.0	968	32.7	36.0	1355	1313	35.8	39.0	1544	1502
27x2 x 1.0	31.2	34.5	1060	33.3	36.5	1458	1415	36.4	39.5	1647	1604
30x2 x 1.0	32.4	36.0	1158	34.5	38.0	1573	1529	37.8	41.5	1783	1739
33x2 x 1.0	33.9	37.5	1273	36.0	39.5	1710	1664	39.3	43.0	1925	1879
37x2 x 1.0	35.2	39.0	1402	37.3	41.0	1860	1812	40.6	44.5	2078	2030
43x2 x 1.0	38.6	42.5	1641	40.7	44.5	2147	2095	44.2	48.0	2399	2346
48x2 x 1.0	40.9	45.0	1827	43.0	47.0	2367	2312	46.7	51.0	2649	2594

CHJPJ/SC, CHJPF/SC系列

(CHJV/SA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	8.2	9.6	78	9.3	10.5	128	122	11.4	13.0	172	166
2x2 x 1.5	12.4	14.0	149	14.0	15.5	261	248	16.1	18.0	324	311
3x2 x 1.5	13.2	15.0	194	14.8	16.5	315	301	17.1	19.0	387	373
4x2 x 1.5	14.7	16.5	248	16.3	18.0	384	369	18.6	20.5	461	446
5x2 x 1.5	16.1	18.0	297	17.7	20.0	447	430	20.0	22.0	528	512
7x2 x 1.5	17.8	20.0	395	19.4	21.5	563	545	21.9	24.0	658	640
10x2 x 1.5	23.1	25.5	570	24.7	27.0	790	766	27.4	30.0	918	894
12x2 x 1.5	23.9	26.5	655	25.5	28.0	886	861	28.2	31.0	1015	990
14x2 x 1.5	25.3	28.0	756	26.9	29.5	1003	977	29.8	32.5	1148	1122
16x2 x 1.5	26.7	29.5	847	28.3	31.5	1110	1083	31.2	34.0	1260	1232
19x2 x 1.5	28.4	31.5	991	30.0	33.0	1275	1246	32.9	36.0	1429	1400
24x2 x 1.5	33.7	37.0	1264	35.8	39.0	1699	1653	39.1	42.5	1912	1866
27x2 x 1.5	34.5	38.0	1390	36.6	40.0	1840	1793	39.9	43.5	2053	2006
30x2 x 1.5	35.9	39.5	1537	38.0	41.5	2009	1960	41.3	45.0	2225	2176
33x2 x 1.5	37.4	41.5	1671	39.5	43.5	2166	2115	43.0	47.0	2406	2355
37x2 x 1.5	39.0	43.0	1861	41.1	45.0	2383	2330	44.6	48.5	2626	2573
43x2 x 1.5	42.5	47.0	2153	44.6	49.0	2727	2669	48.3	52.5	3006	2948
48x2 x 1.5	45.1	49.5	2399	47.2	51.5	3013	2952	51.1	55.5	3324	3263
1x2 x 2.5	9.4	10.5	110	10.5	11.5	168	162	12.6	13.5	217	210
2x2 x 2.5	14.3	15.5	213	15.9	17.0	344	329	18.2	19.5	420	405
3x2 x 2.5	15.2	16.5	281	16.8	18.0	423	407	19.1	20.5	500	484
4x2 x 2.5	16.9	18.5	361	18.5	20.0	520	503	21.0	22.5	612	595
5x2 x 2.5	18.5	20.0	435	20.1	21.5	611	592	22.6	24.0	708	689
7x2 x 2.5	20.4	22.0	581	22.0	23.5	780	759	24.5	26.0	880	859
10x2 x 2.5	26.6	28.5	838	28.2	30.0	1100	1072	31.1	33.0	1249	1222
12x2 x 2.5	27.7	29.5	983	29.3	31.5	1261	1232	32.2	34.0	1410	1382
14x2 x 2.5	29.1	31.0	1120	30.7	33.0	1416	1386	33.8	36.0	1583	1554
16x2 x 2.5	31.0	33.0	1274	33.1	35.5	1680	1638	36.2	38.5	1857	1815
19x2 x 2.5	32.9	35.0	1492	35.0	37.5	1930	1885	38.3	40.5	2126	2081
24x2 x 2.5	39.0	41.5	1897	41.1	43.5	2421	2368	44.6	47.5	2662	2609
27x2 x 2.5	39.9	42.5	2093	42.0	44.5	2636	2582	45.5	48.0	2875	2821
30x2 x 2.5	41.6	44.5	2315	43.7	46.5	2887	2831	47.4	50.0	3151	3095
33x2 x 2.5	43.3	46.0	2522	45.4	48.0	3123	3064	49.1	52.0	3390	3331
37x2 x 2.5	45.2	48.0	2811	47.3	50.0	3447	3386	51.2	54.0	3739	3677
43x2 x 2.5	49.4	52.5	3275	51.5	54.5	3979	3913	55.6	59.0	4310	4243
48x2 x 2.5	52.4	55.5	3646	54.5	58.0	4401	4330	58.8	62.0	4769	4698

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJ/SC, CHJPF/SC系列

(CHJV/SA系列可参照使用)

对数x3x截面面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	7.4	8.4	67	8.5	9.6	112	107	10.6	12.0	153	148
2x3 x 0.75	11.6	13.0	131	13.2	15.0	236	224	15.3	17.0	296	284
3x3 x 0.75	12.3	14.0	169	13.9	15.5	282	269	16.0	17.5	342	329
4x3 x 0.75	13.5	15.5	209	15.1	17.0	333	319	17.4	19.5	406	392
5x3 x 0.75	15.0	17.0	257	16.6	18.5	396	380	18.9	21.0	474	458
7x3 x 0.75	16.3	18.5	332	17.9	20.0	485	468	20.2	22.5	565	548
10x3 x 0.75	21.2	24.0	481	22.8	25.5	681	659	25.5	28.5	802	780
12x3 x 0.75	22.2	24.5	563	23.8	26.5	775	753	26.5	29.0	898	875
14x3 x 0.75	23.3	26.0	638	24.9	27.5	863	839	27.6	30.5	988	965
16x3 x 0.75	24.8	27.5	725	26.4	29.0	966	941	29.3	32.0	1111	1086
19x3 x 0.75	26.2	29.0	836	27.8	30.5	1094	1068	30.7	33.5	1242	1215
24x3 x 0.75	31.1	34.5	1068	33.2	36.5	1465	1423	36.3	39.5	1653	1610
27x3 x 0.75	31.7	35.5	1172	33.8	37.5	1581	1537	36.9	40.5	1768	1724
30x3 x 0.75	33.1	36.5	1298	35.2	39.0	1728	1683	38.5	42.0	1935	1890
33x3 x 0.75	34.4	38.5	1410	36.5	40.5	1860	1813	39.8	44.0	2071	2024
37x3 x 0.75	36.0	40.0	1572	38.1	42.0	2047	1998	41.6	45.5	2281	2232
43x3 x 0.75	39.2	43.5	1818	41.3	45.5	2340	2286	44.8	49.0	2587	2534
48x3 x 0.75	41.6	46.0	2026	43.7	48.0	2584	2528	47.4	52.0	2862	2805
1x3 x 1.0	8.0	9.2	81	9.1	10.5	130	125	11.2	12.5	173	167
2x3 x 1.0	12.7	14.5	159	14.3	16.0	274	261	16.6	18.5	345	332
3x3 x 1.0	13.6	15.5	208	15.2	17.0	333	319	17.5	19.5	406	392
4x3 x 1.0	15.1	17.0	267	16.7	18.5	407	391	19.0	21.0	485	469
5x3 x 1.0	16.7	18.5	327	18.3	20.5	483	466	20.8	23.0	576	558
7x3 x 1.0	18.2	20.5	425	19.8	22.0	598	579	22.3	24.5	694	675
10x3 x 1.0	23.7	26.5	614	25.3	28.0	841	817	28.0	30.5	971	946
12x3 x 1.0	24.7	27.5	719	26.3	29.0	959	934	29.2	32.0	1103	1077
14x3 x 1.0	26.0	29.0	817	27.6	30.5	1073	1046	30.5	33.5	1219	1193
16x3 x 1.0	27.6	30.5	928	29.2	32.0	1202	1174	32.1	35.0	1354	1326
19x3 x 1.0	29.2	32.5	1073	30.8	34.0	1367	1338	33.9	37.0	1538	1508
24x3 x 1.0	34.6	38.5	1367	36.7	40.5	1817	1769	40.0	44.0	2032	1985
27x3 x 1.0	35.6	39.5	1521	37.7	41.5	1989	1941	41.0	45.0	2204	2156
30x3 x 1.0	36.9	41.0	1665	39.0	43.0	2154	2104	42.5	46.5	2391	2341
33x3 x 1.0	38.6	42.5	1828	40.7	44.5	2344	2291	44.2	48.0	2586	2534
37x3 x 1.0	40.1	44.5	2018	42.2	46.5	2559	2505	45.9	50.0	2825	2771
43x3 x 1.0	43.9	48.5	2356	46.0	50.5	2955	2896	49.7	54.0	3235	3176
48x3 x 1.0	46.6	51.0	2624	48.7	53.5	3266	3203	52.6	57.0	3579	3516

CHJPJ/SC, CHJPF/SC系列

(CHJV/SA系列可参照使用)

对数x3x截面面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJPJ/SC, CHJPF/SC			CHJPJ80/SC, CHJPF80/SC CHJPJ90/SC, CHJPF90/SC				CHJPJ85/SC, CHJPF86/SC CHJPJ95/SC, CHJPF96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	8.9	10.0	104	10.0	11.5	159	153	12.1	13.5	206	200
2x3 x 1.5	14.1	16.0	205	15.7	17.5	334	319	18.0	20.0	409	395
3x3 x 1.5	15.0	17.0	270	16.6	18.5	410	394	18.9	20.5	487	471
4x3 x 1.5	16.6	18.5	346	18.2	20.0	502	485	20.7	22.5	593	576
5x3 x 1.5	18.2	20.5	417	19.8	22.0	590	571	22.3	24.5	686	667
7x3 x 1.5	20.1	22.5	557	21.7	24.0	752	731	24.2	26.5	852	831
10x3 x 1.5	26.2	29.0	803	27.8	30.5	1060	1033	30.7	33.5	1209	1182
12x3 x 1.5	27.1	30.0	929	28.7	31.5	1199	1172	31.6	34.5	1348	1320
14x3 x 1.5	28.7	31.5	1072	30.3	33.0	1362	1333	33.4	36.5	1530	1501
16x3 x 1.5	30.5	33.5	1219	32.6	35.5	1617	1575	35.7	39.0	1793	1752
19x3 x 1.5	32.2	35.5	1413	34.3	37.5	1839	1795	37.6	41.0	2034	1990
24x3 x 1.5	38.4	42.0	1815	40.5	44.5	2328	2276	44.0	48.0	2569	2517
27x3 x 1.5	39.3	43.0	2002	41.4	45.0	2534	2481	44.9	48.5	2773	2720
30x3 x 1.5	40.9	45.0	2214	43.0	47.0	2774	2718	46.7	50.5	3036	2980
33x3 x 1.5	42.6	47.0	2410	44.7	49.0	2998	2940	48.4	52.5	3265	3207
37x3 x 1.5	44.5	48.5	2687	46.6	51.0	3309	3249	50.5	55.0	3601	3541
43x3 x 1.5	48.4	53.5	3108	50.5	55.5	3793	3728	54.6	59.5	4123	4058
48x3 x 1.5	51.3	56.5	3460	53.4	58.5	4194	4125	57.5	62.5	4534	4464
1x3 x 2.5	10.0	11.0	145	11.1	12.0	208	201	13.2	13.0	257	251
2x3 x 2.5	16.0	17.5	286	17.6	19.0	434	418	19.9	21.5	516	499
3x3 x 2.5	17.2	18.5	394	18.8	20.5	557	540	21.3	23.0	650	632
4x3 x 2.5	18.9	20.5	500	20.5	22.0	683	663	23.0	24.5	779	759
5x3 x 2.5	21.0	22.5	617	22.6	24.5	822	801	25.3	27.0	936	914
7x3 x 2.5	23.1	25.0	829	24.7	26.5	1062	1038	27.4	29.0	1177	1154
10x3 x 2.5	30.3	32.5	1205	32.4	34.5	1600	1559	35.5	37.5	1776	1734
12x3 x 2.5	31.4	33.5	1402	33.5	35.5	1819	1776	36.6	39.0	1992	1949
14x3 x 2.5	33.2	35.5	1620	35.3	37.5	2067	2022	38.6	41.0	2259	2214
16x3 x 2.5	35.1	37.5	1825	37.2	39.5	2303	2255	40.5	43.0	2499	2452
19x3 x 2.5	37.3	40.0	2143	39.4	42.0	2660	2610	42.9	45.5	2876	2826
24x3 x 2.5	44.5	47.5	2740	46.6	49.5	3365	3305	50.5	53.5	3654	3594
27x3 x 2.5	45.4	48.5	3031	47.5	50.5	3680	3619	51.4	54.5	3963	3901
30x3 x 2.5	47.4	50.5	3354	49.5	52.5	4041	3977	53.4	56.5	4325	4261
33x3 x 2.5	49.5	52.5	3680	51.6	54.5	4406	4339	55.7	59.0	4718	4651
37x3 x 2.5	51.4	54.5	4078	53.5	56.5	4844	4775	57.6	61.0	5154	5084
43x3 x 2.5	56.2	59.5	4746	58.3	62.0	5597	5521	62.8	66.5	5975	5900
48x3 x 2.5	59.8	63.5	5312	61.9	65.5	6230	6150	66.4	70.0	6616	6536

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CHJJP/SC系列, CHJPFP/SC系列

150/250V

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 Example:

CHJPFP86/SC
7X3X1.5



型号: CHJJP/SC
Type: CHJJP80/SC
CHJJP90/SC
CHJJP85/SC
CHJJP95/SC
CHJPFP/SC
CHJPFP80/SC
CHJPFP90/SC
CHJPFP86/SC
CHJPFP96/SC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC 60754	— 无卤	Halogen Free
IEC 61034	— 低烟	Low Smoke
IEC60092-350	— 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned(STC),IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJVP/SA系列

150/250V

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication cable

图例 Example:

CHJVP92/SA
7X2X0.75



型号: CHJVP/SA
Type: CHJVP80/SA
CHJVP90/SA
CHJVP82/SA
CHJVP92/SA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC60092-350	— 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜 (或镀锡铜) IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	V	聚氯乙烯 PVC
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SA	阻燃 Flame retardant, IEC60332-3-22(CAT.A)

CHJJP/SC, CHJFP/SC(铝箔屏蔽)

(CHJVP/SA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm²	Nom.	Max.								
1x2 x 0.75	7.3	8.4	60	8.4	9.4	104	99	10.5	11.5	146	141
2x2 x 0.75	11.7	13.0	120	13.3	15.0	225	213	15.4	17.0	286	273
3x2 x 0.75	12.4	14.0	151	14.0	15.5	264	251	16.1	18.0	326	313
4x2 x 0.75	13.6	15.5	186	15.2	17.0	310	296	17.5	19.5	384	370
5x2 x 0.75	15.1	17.0	228	16.7	18.5	366	351	19.0	21.0	446	430
7x2 x 0.75	16.6	18.5	298	18.2	20.5	452	435	20.7	23.0	545	528
10x2 x 0.75	21.4	24.0	422	23.0	25.5	621	599	25.7	28.5	746	724
12x2 x 0.75	22.3	25.0	492	23.9	26.5	702	679	26.6	29.0	828	806
14x2 x 0.75	23.4	26.0	554	25.0	27.5	776	752	27.7	30.5	907	883
16x2 x 0.75	24.9	27.5	630	26.5	29.5	867	842	29.4	32.5	1017	992
19x2 x 0.75	26.3	29.5	723	27.9	31.0	976	950	30.8	34.0	1130	1103
24x2 x 0.75	31.2	34.5	925	33.3	36.5	1316	1273	36.4	40.0	1511	1469
27x2 x 0.75	31.9	35.5	1012	34.0	37.5	1415	1371	37.1	41.0	1611	1567
30x2 x 0.75	33.3	37.0	1120	35.4	39.0	1543	1498	38.7	42.0	1761	1716
33x2 x 0.75	34.6	38.5	1213	36.7	40.5	1655	1608	40.0	44.0	1878	1831
37x2 x 0.75	36.2	40.0	1352	38.3	42.0	1818	1769	41.8	45.5	2065	2016
43x2 x 0.75	39.4	43.5	1563	41.5	46.0	2074	2021	45.0	49.5	2335	2282
48x2 x 0.75	41.8	46.0	1740	43.9	48.0	2286	2229	47.6	52.0	2580	2523
1x2 x 1.0	7.9	9.0	71	9.0	10.0	119	114	11.1	12.5	163	157
2x2 x 1.0	12.7	14.5	141	14.3	16.0	255	242	16.6	18.5	328	314
3x2 x 1.0	13.6	15.5	182	15.2	17.0	306	292	17.5	19.5	380	365
4x2 x 1.0	15.1	17.0	231	16.7	18.5	369	354	19.0	21.0	449	433
5x2 x 1.0	16.7	18.5	283	18.3	20.5	437	420	20.8	23.0	531	514
7x2 x 1.0	18.2	20.5	363	19.8	22.0	533	514	22.3	24.5	631	613
10x2 x 1.0	23.7	26.5	525	25.3	28.0	748	723	28.0	30.5	882	857
12x2 x 1.0	24.7	27.5	612	26.3	29.0	847	822	29.2	32.0	996	971
14x2 x 1.0	26.0	29.0	692	27.6	30.5	941	915	30.5	34.0	1095	1068
16x2 x 1.0	27.6	30.5	786	29.2	32.0	1053	1025	32.1	35.0	1212	1184
19x2 x 1.0	29.2	32.5	904	30.8	34.0	1190	1160	33.9	37.0	1369	1339
24x2 x 1.0	34.6	38.5	1153	36.7	40.5	1592	1545	40.0	44.0	1818	1771
27x2 x 1.0	35.6	39.0	1281	37.7	41.5	1737	1689	41.0	44.5	1964	1916
30x2 x 1.0	36.9	41.0	1398	39.0	43.0	1874	1824	42.5	46.5	2124	2074
33x2 x 1.0	38.6	42.5	1535	40.7	44.5	2036	1984	44.2	48.0	2293	2240
37x2 x 1.0	40.1	44.5	1689	42.2	46.5	2214	2160	45.9	50.0	2496	2442
43x2 x 1.0	43.9	48.0	1973	46.0	50.5	2553	2494	49.7	54.0	2853	2793
48x2 x 1.0	46.5	51.0	2195	48.6	53.0	2814	2751	52.5	57.0	3149	3086

CHJJP/SC, CHJFP/SC(铝箔屏蔽)

(CHJVP/SA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 1.5	8.7	9.8	90	9.8	11.0	144	137	11.9	13.0	189	183
2x2 x 1.5	14.0	16.0	177	15.6	17.5	304	289	17.9	19.5	380	366
3x2 x 1.5	14.9	16.5	229	16.5	18.5	366	350	18.8	20.5	444	428
4x2 x 1.5	16.6	18.5	292	18.2	20.0	446	428	20.7	22.5	539	522
5x2 x 1.5	18.1	20.0	349	19.7	22.0	518	499	22.2	24.5	616	597
7x2 x 1.5	20.0	22.5	461	21.6	24.0	650	630	24.1	26.5	755	734
10x2 x 1.5	26.0	28.5	666	27.6	30.5	914	888	30.5	34.0	1068	1042
12x2 x 1.5	26.9	30.0	764	28.5	31.5	1024	997	31.4	34.5	1180	1153
14x2 x 1.5	28.5	31.5	881	30.1	33.0	1160	1131	33.2	36.0	1335	1306
16x2 x 1.5	30.4	34.0	1001	32.5	35.5	1387	1346	35.6	38.5	1574	1532
19x2 x 1.5	32.0	35.5	1153	34.1	37.5	1564	1520	37.4	41.0	1771	1727
24x2 x 1.5	38.2	42.0	1487	40.3	44.0	1981	1929	43.8	47.5	2238	2186
27x2 x 1.5	39.1	43.0	1634	41.2	45.0	2145	2092	44.7	48.5	2401	2348
30x2 x 1.5	40.5	44.5	1786	42.6	46.5	2320	2265	46.3	50.5	2600	2545
33x2 x 1.5	42.4	46.5	1961	44.5	48.5	2524	2467	48.2	52.5	2812	2754
37x2 x 1.5	44.2	48.5	2182	46.3	50.5	2776	2716	50.2	54.5	3090	3030
43x2 x 1.5	48.2	53.0	2522	50.3	55.0	3176	3111	54.4	59.0	3534	3469
48x2 x 1.5	51.1	56.0	2807	53.2	58.0	3506	3437	57.3	62.5	3876	3807
1x2 x 2.5	9.7	11.0	119	10.8	12.0	179	173	12.9	14.0	229	222
2x2 x 2.5	15.8	17.0	237	17.4	19.0	381	365	19.7	21.0	464	448
3x2 x 2.5	17.0	18.5	321	18.6	20.0	479	462	21.1	22.5	573	556
4x2 x 2.5	18.7	20.5	403	20.3	22.0	579	560	22.8	24.5	678	659
5x2 x 2.5	20.7	22.5	495	22.3	24.0	692	671	25.0	26.5	809	788
7x2 x 2.5	22.9	24.5	660	24.5	26.5	883	859	27.2	29.0	1005	981
10x2 x 2.5	29.8	32.0	949	31.4	33.5	1242	1212	34.5	36.5	1423	1392
12x2 x 2.5	31.0	33.0	1111	33.1	35.5	1509	1467	36.2	38.5	1694	1651
14x2 x 2.5	32.9	35.0	1281	35.0	37.5	1708	1663	38.3	40.5	1915	1870
16x2 x 2.5	34.7	37.0	1438	36.8	39.0	1892	1845	40.1	42.5	2104	2057
19x2 x 2.5	36.9	39.5	1683	39.0	41.5	2173	2123	42.5	45.0	2409	2359
24x2 x 2.5	44.0	47.0	2159	46.1	49.0	2749	2690	50.0	53.0	3063	3003
27x2 x 2.5	45.0	48.0	2379	47.1	50.0	2991	2930	51.0	54.0	3303	3242
30x2 x 2.5	46.8	50.0	2627	48.9	52.0	3271	3208	52.8	56.0	3586	3523
33x2 x 2.5	48.7	52.0	2859	50.8	54.0	3535	3469	54.9	58.0	3880	3814
37x2 x 2.5	50.9	54.0	3184	53.0	56.0	3900	3831	57.1	60.5	4250	4181
43x2 x 2.5	55.6	59.0	3707	57.7	61.0	4500	4425	62.0	65.5	4895	4820
48x2 x 2.5	59.0	62.5	4125	61.1	64.5	4975	4896	65.6	69.5	5413	5333

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/SC, CHJFP/SC (铝箔屏蔽)

(CHJVP/SA系列可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 0.75	7.7	8.8	74	8.8	9.8	121	116	10.9	12.0	162	157
2x3 x 0.75	12.9	14.5	150	14.5	16.0	267	253	16.8	18.5	338	324
3x3 x 0.75	13.9	16.0	200	15.5	17.5	327	313	17.8	19.5	401	386
4x3 x 0.75	15.3	17.0	248	16.9	19.0	389	373	19.2	21.0	467	451
5x3 x 0.75	16.9	19.0	303	18.5	20.5	460	442	21.0	23.0	553	536
7x3 x 0.75	18.5	21.0	391	20.1	22.5	565	546	22.6	25.0	663	644
10x3 x 0.75	24.0	27.0	565	25.6	28.5	792	767	28.3	31.0	925	900
12x3 x 0.75	25.0	28.0	660	26.6	29.5	900	874	29.5	32.5	1047	1021
14x3 x 0.75	26.3	29.5	747	27.9	31.0	1002	975	30.8	34.0	1153	1126
16x3 x 0.75	28.0	31.0	850	29.6	32.5	1124	1095	32.5	35.5	1280	1252
19x3 x 0.75	29.6	33.0	979	31.2	34.5	1272	1242	34.3	37.5	1449	1418
24x3 x 0.75	35.1	39.0	1249	37.2	41.0	1698	1650	40.5	44.5	1921	1873
27x3 x 0.75	36.1	40.0	1388	38.2	42.0	1855	1806	41.7	45.5	2098	2049
30x3 x 0.75	37.4	41.5	1516	39.5	43.5	2003	1952	43.0	47.0	2250	2199
33x3 x 0.75	39.1	43.0	1665	41.2	45.5	2178	2125	44.7	49.0	2430	2377
37x3 x 0.75	40.9	45.0	1854	43.0	47.0	2396	2340	46.7	51.0	2674	2619
43x3 x 0.75	44.5	49.5	2142	46.6	51.5	2737	2677	50.5	55.5	3055	2994
48x3 x 0.75	47.2	52.0	2385	49.3	54.5	3021	2957	53.2	58.5	3350	3286
1x3 x 1.0	8.5	9.6	92	9.6	11.0	145	139	11.7	13.0	189	183
2x3 x 1.0	14.3	16.0	187	15.9	17.5	317	302	18.2	20.0	393	378
3x3 x 1.0	15.3	17.0	243	16.9	18.5	384	368	19.2	21.0	462	446
4x3 x 1.0	16.9	19.0	309	18.5	20.5	466	448	21.0	23.0	559	542
5x3 x 1.0	18.6	21.0	371	20.2	22.5	545	525	22.7	25.0	644	625
7x3 x 1.0	20.5	23.0	492	22.1	24.5	687	666	24.8	27.0	802	781
10x3 x 1.0	26.7	29.5	709	28.3	31.5	965	938	31.2	34.0	1121	1094
12x3 x 1.0	27.8	30.5	828	29.4	32.5	1099	1070	32.3	35.0	1256	1228
14x3 x 1.0	29.2	32.5	940	30.8	34.0	1228	1198	33.9	37.0	1403	1374
16x3 x 1.0	31.1	34.0	1068	33.2	36.5	1465	1423	36.3	39.5	1651	1609
19x3 x 1.0	33.0	36.5	1248	35.1	38.5	1674	1629	38.4	42.0	1882	1837
24x3 x 1.0	39.2	43.0	1589	41.3	45.0	2099	2046	44.8	48.5	2356	2303
27x3 x 1.0	40.0	44.0	1745	42.1	46.5	2272	2217	45.8	50.0	2548	2494
30x3 x 1.0	41.7	46.0	1929	43.8	48.0	2483	2427	47.5	51.5	2764	2708
33x3 x 1.0	43.6	48.0	2116	45.7	50.0	2700	2641	49.4	54.0	2988	2929
37x3 x 1.0	45.3	50.0	2333	47.4	52.0	2946	2885	51.3	56.0	3261	3200
43x3 x 1.0	49.6	54.5	2721	51.7	56.5	3400	3333	55.8	60.5	3759	3692
48x3 x 1.0	52.6	58.0	3028	54.7	60.0	3755	3683	59.0	64.5	4153	4082

CHJJP/SC, CHJPFP/SC (铝箔屏蔽)

(CHJVP/SA系列可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/SC, CHJPFP/SC			CHJJP80/SC, CHJPFP80/SC CHJJP90/SC, CHJPFP90/SC				CHJJP85/SC, CHJPFP86/SC CHJJP95/SC, CHJPFP96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	9.2	10.5	113	10.3	11.5	170	164	12.4	13.5	216	210
2x3 x 1.5	15.5	17.5	228	17.1	19.0	369	353	19.4	21.5	450	434
3x3 x 1.5	16.8	18.5	309	18.4	20.5	465	448	20.9	23.0	557	540
4x3 x 1.5	18.4	20.5	386	20.0	22.0	559	540	22.5	24.5	656	637
5x3 x 1.5	20.4	22.5	474	22.0	24.5	667	646	24.5	27.0	772	751
7x3 x 1.5	22.5	25.0	631	24.1	26.5	849	826	26.8	29.0	969	946
10x3 x 1.5	29.3	32.5	908	30.9	34.0	1195	1165	34.0	37.0	1373	1343
12x3 x 1.5	30.5	33.5	1062	32.6	35.5	1452	1411	35.7	39.0	1635	1593
14x3 x 1.5	32.1	35.5	1209	34.2	37.5	1624	1580	37.5	41.0	1827	1783
16x3 x 1.5	34.2	37.5	1375	36.3	39.5	1821	1774	39.6	43.0	2031	1984
19x3 x 1.5	36.3	40.0	1607	38.4	42.0	2087	2038	41.9	45.5	2321	2272
24x3 x 1.5	43.0	47.5	2042	45.1	49.5	2616	2558	48.8	53.5	2903	2844
27x3 x 1.5	44.2	48.5	2271	46.3	50.5	2869	2809	50.2	54.5	3177	3117
30x3 x 1.5	45.9	50.5	2488	48.0	52.5	3115	3053	51.9	56.5	3428	3366
33x3 x 1.5	47.9	52.5	2729	50.0	54.5	3390	3325	53.9	58.5	3708	3643
37x3 x 1.5	50.0	54.5	3038	52.1	55.0	3737	3669	56.2	61.0	4084	4016
43x3 x 1.5	54.7	59.5	3538	56.8	62.0	4313	4239	61.1	66.0	4706	4632
48x3 x 1.5	57.9	63.5	3934	60.0	65.5	4763	4685	64.5	70.0	5197	5119
1x3 x 2.5	10.3	11.5	155	11.9	13.0	251	240	14.0	15.0	302	291
2x3 x 2.5	17.8	19.5	321	19.4	21.0	486	467	21.9	23.5	583	565
3x3 x 2.5	19.0	20.5	431	20.6	22.0	611	591	23.1	24.5	709	690
4x3 x 2.5	21.1	23.0	555	22.7	24.5	758	736	25.4	27.0	874	852
5x3 x 2.5	23.3	25.0	683	24.9	26.5	910	886	27.6	29.5	1032	1008
7x3 x 2.5	25.8	27.5	915	27.4	29.5	1174	1148	30.3	32.5	1314	1288
10x3 x 2.5	33.8	34.0	1329	35.9	38.0	1768	1722	39.2	41.5	1978	1932
12x3 x 2.5	34.9	37.5	1542	37.0	39.5	2004	1956	40.3	43.0	2211	2164
14x3 x 2.5	37.0	39.5	1781	39.1	41.5	2277	2227	42.6	45.0	2507	2457
16x3 x 2.5	39.3	42.0	2023	41.4	44.0	2556	2503	44.9	47.5	2792	2739
19x3 x 2.5	41.7	44.5	2369	43.8	46.5	2945	2889	47.5	50.5	3205	3148
24x3 x 2.5	49.7	53.0	3028	51.8	55.0	3723	3656	55.9	59.0	4067	4000
27x3 x 2.5	50.8	54.0	3345	52.9	56.0	4068	3999	57.0	60.5	4406	4338
30x3 x 2.5	53.0	56.5	3698	55.1	58.5	4462	4391	59.4	63.0	4831	4759
33x3 x 2.5	55.3	58.5	4054	57.4	61.0	4861	4786	61.7	65.0	5234	5159
37x3 x 2.5	57.7	61.0	4515	59.8	63.5	5371	5293	64.3	68.0	5774	5696
43x3 x 2.5	63.1	67.0	5250	65.2	69.0	6201	6116	69.9	74.0	6654	6569
48x3 x 2.5	66.8	71.0	5839	68.9	73.0	6859	6769	73.8	78.0	7356	7266

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CHJJP/SC, CHJFP/SC(铜丝屏蔽)

(CHJVP/SA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	8.0	9.2	104	9.1	10.5	154	149	11.2	12.5	196	190
2x2 x 0.75	12.9	14.5	207	14.5	16.0	326	313	16.8	18.5	395	382
3x2 x 0.75	14.0	15.5	286	15.6	17.0	418	404	17.9	19.5	489	474
4x2 x 0.75	15.3	17.0	362	16.9	18.5	509	493	19.2	21.0	581	566
5x2 x 0.75	16.9	19.0	446	18.5	20.5	610	592	21.0	23.0	696	679
7x2 x 0.75	18.5	20.5	592	20.1	22.0	776	757	22.6	24.5	863	844
10x2 x 0.75	24.0	26.5	851	25.6	28.5	1092	1068	28.3	31.0	1211	1186
12x2 x 0.75	25.0	27.5	1003	26.6	29.0	1260	1234	29.5	32.0	1390	1365
14x2 x 0.75	26.3	29.0	1148	27.9	30.5	1423	1396	30.8	33.5	1554	1527
16x2 x 0.75	28.0	31.0	1308	29.6	32.5	1604	1576	32.5	35.5	1738	1710
19x2 x 0.75	29.5	32.5	1522	31.1	34.0	1841	1811	34.2	37.5	1990	1960
24x2 x 0.75	35.0	38.5	1935	37.1	41.0	2417	2370	40.4	44.0	2605	2558
27x2 x 0.75	36.0	39.5	2160	38.1	41.5	2664	2615	41.6	45.0	2868	2819
30x2 x 0.75	37.3	41.0	2374	39.4	43.0	2903	2852	42.9	46.5	3106	3055
33x2 x 0.75	39.0	43.0	2608	41.1	45.0	3167	3114	44.6	48.5	3372	3319
37x2 x 0.75	40.5	44.5	2892	42.6	46.5	3481	3426	46.3	50.5	3705	3650
43x2 x 0.75	44.4	48.5	3372	46.5	50.5	4027	3967	50.4	54.5	4282	4222
48x2 x 0.75	47.0	51.5	3756	49.1	53.5	4459	4395	53.0	57.5	4717	4654
1x2 x 1.0	8.8	10.0	124	9.9	11.0	180	174	12.0	13.0	223	217
2x2 x 1.0	14.2	16.0	246	15.8	17.5	378	363	18.1	20.0	450	436
3x2 x 1.0	15.1	17.0	331	16.7	18.5	474	459	19.0	20.5	547	532
4x2 x 1.0	16.8	18.5	428	18.4	20.0	590	573	20.9	22.5	676	659
5x2 x 1.0	18.4	20.5	519	20.0	22.0	698	679	22.5	24.5	789	770
7x2 x 1.0	20.3	22.5	698	21.9	24.0	902	881	24.4	26.5	995	974
10x2 x 1.0	26.3	29.0	1003	27.9	30.5	1270	1244	30.8	33.5	1409	1383
12x2 x 1.0	27.4	30.0	1182	29.0	31.5	1467	1439	31.9	34.5	1604	1576
14x2 x 1.0	28.8	31.5	1353	30.4	33.0	1658	1629	33.5	36.5	1811	1781
16x2 x 1.0	30.7	33.5	1541	32.8	35.5	1957	1915	35.9	39.0	2117	2075
19x2 x 1.0	32.4	35.5	1794	34.5	37.5	2241	2197	37.8	41.0	2418	2374
24x2 x 1.0	38.6	42.0	2297	40.7	44.5	2836	2784	44.2	48.0	3053	3000
27x2 x 1.0	39.5	43.0	2544	41.6	45.5	3105	3052	45.1	49.0	3317	3263
30x2 x 1.0	41.1	45.0	2815	43.2	47.0	3407	3351	46.9	51.0	3639	3584
33x2 x 1.0	42.8	47.0	3072	44.9	49.0	3695	3637	48.6	53.0	3929	3870
37x2 x 1.0	44.7	48.5	3428	46.8	51.0	4089	4029	50.7	55.0	4344	4284
43x2 x 1.0	48.6	53.5	3969	50.7	55.5	4699	4634	54.8	59.5	4987	4921
48x2 x 1.0	51.8	56.5	4447	53.9	58.5	5236	5166	58.0	62.5	5528	5458

CHJJP/SC, CHJFP/SC(铜丝屏蔽)

(CHJVP/SA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	9.4	10.5	143	10.5	12.0	203	196	12.6	14.0	249	242
2x2 x 1.5	15.3	17.0	285	16.9	18.5	428	412	19.2	21.0	504	488
3x2 x 1.5	16.3	18.0	386	17.9	20.0	542	525	20.2	22.0	619	602
4x2 x 1.5	18.1	20.0	501	19.7	21.5	677	658	22.2	24.0	767	748
5x2 x 1.5	20.0	22.0	617	21.6	23.5	814	794	24.1	26.0	909	889
7x2 x 1.5	22.1	24.5	832	23.7	26.0	1057	1034	26.4	28.5	1164	1142
10x2 x 1.5	28.6	31.5	1193	30.2	33.0	1489	1459	33.3	36.0	1648	1618
12x2 x 1.5	29.6	32.5	1392	31.2	34.0	1706	1675	34.3	37.5	1861	1831
14x2 x 1.5	31.4	34.5	1611	33.5	36.5	2038	1995	36.6	39.5	2199	2156
16x2 x 1.5	33.4	36.5	1833	35.5	38.5	2293	2247	38.8	42.0	2475	2429
19x2 x 1.5	35.2	38.5	2136	37.3	41.0	2631	2583	40.6	44.0	2810	2762
24x2 x 1.5	42.0	46.0	2730	44.1	48.0	3327	3270	47.8	51.5	3572	3515
27x2 x 1.5	42.9	47.0	3025	45.0	49.0	3647	3589	48.7	53.0	3884	3826
30x2 x 1.5	44.7	48.5	3349	46.8	51.0	4006	3946	50.7	55.0	4265	4204
33x2 x 1.5	46.7	51.0	3676	48.8	53.0	4371	4308	52.7	57.0	4632	4568
37x2 x 1.5	48.6	53.0	4079	50.7	55.0	4815	4749	54.8	59.5	5097	5031
43x2 x 1.5	53.1	58.0	4748	55.2	60.0	5566	5494	59.5	64.5	5883	5811
48x2 x 1.5	56.3	61.5	5288	58.4	63.5	6167	6091	62.9	68.0	6518	6442
1x2 x 2.5	10.4	11.5	181	12.0	13.0	279	268	14.1	15.0	329	318
2x2 x 2.5	17.3	18.5	368	18.9	20.5	531	513	21.4	23.0	624	606
3x2 x 2.5	18.4	20.0	503	20.0	21.5	682	663	22.5	24.0	773	754
4x2 x 2.5	20.4	22.0	652	22.0	23.5	854	833	24.5	26.0	949	928
5x2 x 2.5	22.6	24.5	804	24.2	26.0	1032	1008	26.9	28.5	1144	1121
7x2 x 2.5	24.9	26.5	1086	26.5	28.5	1346	1321	29.4	31.0	1472	1446
10x2 x 2.5	32.4	34.5	1557	34.5	36.5	1992	1948	37.8	40.0	2180	2136
12x2 x 2.5	33.7	36.0	1836	35.8	38.0	2299	2253	39.1	41.5	2483	2437
14x2 x 2.5	35.7	38.0	2124	37.8	40.0	2623	2575	41.1	43.5	2807	2758
16x2 x 2.5	37.8	40.0	2399	39.9	42.5	2935	2883	43.4	46.0	3140	3089
19x2 x 2.5	40.1	42.5	2819	42.2	45.0	3400	3346	45.9	48.5	3624	3570
24x2 x 2.5	47.8	50.5	3595	49.9	53.0	4298	4233	53.8	57.0	4572	4507
27x2 x 2.5	49.0	52.0	4010	51.1	54.0	4747	4681	55.2	58.0	5035	4969
30x2 x 2.5	50.9	54.0	4413	53.0	56.0	5190	5122	57.1	60.5	5477	5408
33x2 x 2.5	53.1	56.5	4843	55.2	58.5	5666	5594	59.5	63.0	5978	5906
37x2 x 2.5	55.4	58.5	5402	57.5	61.0	6277	6203	61.8	65.0	6584	6510
43x2 x 2.5	60.6	64.0	6283	62.7	66.5	7258	7177	67.4	71.0	7633	7552
48x2 x 2.5	64.2	68.0	6995	66.3	70.0	8045	7958	71.2	75.0	8455	8369

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/SC, CHJFP/SC (铜丝屏蔽)

(CHJVP/SA系列可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	8.1	9.6	119	9.2	11.0	171	165	11.3	13.0	211	206
2x3 x 0.75	14.0	16.0	248	15.6	17.5	378	364	17.9	20.0	451	436
3x3 x 0.75	14.8	17.0	335	16.4	18.5	476	461	18.7	20.5	548	532
4x3 x 0.75	16.3	18.5	426	17.9	20.0	584	567	20.2	22.5	659	642
5x3 x 0.75	18.1	20.5	527	19.7	22.0	704	686	22.2	24.5	793	774
7x3 x 0.75	19.9	22.5	710	21.5	24.0	911	891	24.0	26.5	1001	980
10x3 x 0.75	25.9	29.0	1021	27.5	30.5	1286	1260	30.4	33.5	1421	1394
12x3 x 0.75	26.8	30.0	1191	28.4	31.5	1472	1445	31.3	34.5	1604	1577
14x3 x 0.75	28.4	31.5	1378	30.0	33.0	1681	1652	32.9	36.0	1815	1786
16x3 x 0.75	30.2	33.5	1569	32.3	35.5	1981	1940	35.4	39.0	2136	2095
19x3 x 0.75	31.9	35.5	1829	34.0	37.5	2273	2229	37.1	41.0	2426	2383
24x3 x 0.75	37.9	42.0	2323	40.0	44.0	2856	2804	43.5	47.5	3067	3015
27x3 x 0.75	38.9	43.0	2593	41.0	45.0	3150	3097	44.5	48.5	3355	3302
30x3 x 0.75	40.4	45.0	2853	42.5	47.0	3439	3385	46.2	50.5	3664	3609
33x3 x 0.75	42.2	46.5	3133	44.3	48.5	3753	3696	48.0	52.5	3979	3921
37x3 x 0.75	44.0	48.5	3497	46.1	50.5	4154	4095	50.0	54.5	4399	4340
43x3 x 0.75	48.0	53.0	4051	50.1	55.0	4779	4714	54.2	59.0	5056	4991
48x3 x 0.75	50.9	56.0	4513	53.0	58.0	5295	5227	57.1	62.5	5577	5508
1x3 x 1.0	9.0	10.5	143	10.1	11.5	201	195	12.2	13.5	245	238
2x3 x 1.0	15.2	17.0	289	16.8	18.5	431	415	19.1	21.0	507	491
3x3 x 1.0	16.2	18.5	393	17.8	20.0	548	532	20.1	22.5	624	607
4x3 x 1.0	18.0	20.0	510	19.6	22.0	686	667	22.1	24.5	774	756
5x3 x 1.0	19.9	22.5	628	21.5	24.0	825	805	24.0	26.5	919	899
7x3 x 1.0	22.0	24.5	848	23.6	26.0	1073	1050	26.3	29.0	1179	1157
10x3 x 1.0	28.5	31.5	1216	30.1	33.0	1512	1483	33.2	36.5	1669	1640
12x3 x 1.0	29.5	33.0	1420	31.1	34.5	1734	1704	34.2	37.5	1888	1858
14x3 x 1.0	31.3	34.5	1644	33.4	36.5	2072	2029	36.5	40.0	2230	2188
16x3 x 1.0	33.3	36.5	1871	35.4	39.0	2332	2286	38.7	42.0	2511	2465
19x3 x 1.0	35.1	39.0	2181	37.2	41.0	2677	2629	40.5	44.5	2853	2806
24x3 x 1.0	41.9	46.0	2788	44.0	48.0	3387	3330	47.7	52.0	3627	3570
27x3 x 1.0	42.9	47.5	3091	45.0	49.5	3716	3658	48.7	53.0	3950	3892
30x3 x 1.0	44.7	49.5	3422	46.8	51.5	4083	4023	50.7	55.5	4338	4278
33x3 x 1.0	46.7	51.0	3757	48.8	53.5	4456	4393	52.7	57.0	4712	4649
37x3 x 1.0	48.5	53.5	4168	50.6	55.5	4907	4842	54.7	59.5	5184	5118
43x3 x 1.0	53.1	58.5	4853	55.2	60.5	5676	5604	59.5	65.0	5988	5916
48x3 x 1.0	56.2	62.0	5404	58.3	64.0	6288	6212	62.8	68.5	6631	6555

CHJJP/SC, CHJFP/SC (铜丝屏蔽)

(CHJVP/SA系列可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/SC, CHJFP/SC			CHJJP80/SC, CHJFP80/SC CHJJP90/SC, CHJFP90/SC				CHJJP85/SC, CHJFP86/SC CHJJP95/SC, CHJFP96/SC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	9.6	11.0	168	10.7	12.0	230	224	12.8	14.0	276	269
2x3 x 1.5	16.6	18.5	348	18.2	20.0	504	487	20.7	22.5	594	576
3x3 x 1.5	17.7	20.0	475	19.3	21.5	647	628	21.8	24.0	735	717
4x3 x 1.5	19.6	22.0	615	21.2	23.5	809	789	23.7	26.0	901	881
5x3 x 1.5	21.5	24.0	748	23.1	25.5	964	942	25.8	28.5	1073	1051
7x3 x 1.5	23.8	26.5	1013	25.4	28.0	1261	1236	28.1	31.0	1370	1346
10x3 x 1.5	31.2	34.5	1468	33.3	36.5	1886	1843	36.4	39.5	2053	2011
12x3 x 1.5	32.3	34.0	1717	34.4	38.0	2159	2115	37.7	41.0	2338	2294
14x3 x 1.5	34.2	37.5	1986	36.3	39.5	2462	2416	39.6	43.0	2642	2596
16x3 x 1.5	36.3	40.0	2260	38.4	42.0	2773	2723	41.9	45.5	2973	2924
19x3 x 1.5	38.6	42.5	2656	40.7	44.5	3213	3161	44.2	48.0	3412	3360
24x3 x 1.5	45.8	50.5	3367	47.9	52.5	4037	3975	51.8	56.5	4305	4243
27x3 x 1.5	47.0	51.5	3757	49.1	53.5	4460	4396	53.0	55.0	4718	4654
30x3 x 1.5	49.0	53.5	4158	51.1	55.5	4902	4836	55.2	60.0	5184	5117
33x3 x 1.5	50.9	56.0	4539	53.0	58.0	5323	5254	57.1	62.0	5602	5533
37x3 x 1.5	53.2	58.5	5065	55.3	60.5	5900	5828	59.6	65.0	6202	6130
43x3 x 1.5	58.1	63.5	5891	60.2	66.0	6820	6742	64.7	70.5	7158	7080
48x3 x 1.5	61.6	67.5	6560	63.7	69.5	7560	7477	68.4	74.5	7932	7849
1x3 x 2.5	10.7	12.0	219	12.3	13.5	321	310	14.4	15.5	371	359
2x3 x 2.5	18.6	20.5	450	20.2	22.0	628	608	22.7	24.5	723	704
3x3 x 2.5	20.1	22.0	631	21.7	23.5	830	809	24.2	26.0	925	904
4x3 x 2.5	22.3	24.0	819	23.9	25.5	1045	1022	26.6	28.5	1155	1132
5x3 x 2.5	24.7	26.5	1011	26.3	28.5	1266	1241	29.2	31.0	1394	1369
7x3 x 2.5	27.0	29.0	1357	28.6	30.5	1648	1620	31.5	33.5	1773	1745
10x3 x 2.5	35.6	38.0	1977	37.7	40.0	2468	2419	41.0	43.5	2659	2610
12x3 x 2.5	36.9	39.5	2316	39.0	41.5	2838	2788	42.5	45.0	3040	2990
14x3 x 2.5	39.0	41.5	2679	41.1	44.0	3242	3189	44.6	47.5	3442	3389
16x3 x 2.5	41.5	44.5	3048	43.6	46.5	3656	3600	47.3	50.0	3880	3824
19x3 x 2.5	44.1	47.0	3584	46.2	49.0	4247	4187	50.1	53.0	4488	4428
24x3 x 2.5	52.5	56.0	4562	54.6	58.0	5364	5293	58.9	62.5	5684	5613
27x3 x 2.5	53.6	57.0	5064	55.7	59.0	5903	5831	60.0	63.5	6209	6136
30x3 x 2.5	55.9	59.5	5605	58.0	61.5	6496	6420	62.3	66.0	6797	6722
33x3 x 2.5	58.3	62.0	6150	60.4	64.0	7094	7015	64.9	68.5	7421	7342
37x3 x 2.5	60.9	64.5	6862	63.0	67.0	7870	7787	67.7	71.5	8219	8136
43x3 x 2.5	66.5	70.5	7975	68.6	72.5	9099	9009	73.5	77.5	9485	9395
48x3 x 2.5	70.7	75.0	8912	72.8	77.0	10128	10032	77.9	82.5	10549	10454

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CHJ85/SC系列， CHJ86/SC系列

150/250V

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication calbe without inner sheath

图例 Example:

CHJ85/SC
7X2X0.75

型号: CHJ85/SC
Type: CHJ86/SC



用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

执行标准 Standards applied

- | | | |
|------------------|------|-----------------|
| IEC 60092-376 | – 设计 | Design |
| IEC 60228 Class2 | – 导体 | Conductor |
| IEC 60092-360 | – 绝缘 | Insulation |
| IEC 60092-360 | – 护套 | Sheath |
| IEC 60332-3-22 | – 阻燃 | Flame Retardant |
| IEC 60754 | – 无卤 | Halogen Free |
| IEC 61034 | – 低烟 | Low Smoke |
| IEC60092-350 | – 结构 | Structure |

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜（或镀锡铜）， IEC 60228 Class 2 Stranded annealed copper o r tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJ85/SC, CHJ86/SC

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2 x 0.75	8.0	9.2	88	1x2 x 1.5	9.4	10.5	122
2x2 x 0.75	11.5	13.0	162	2x2 x 1.5	13.4	15.0	261
3x2 x 0.75	12.1	14.0	192	3x2 x 1.5	14.9	16.5	312
4x2 x 0.75	13.1	15.0	226	4x2 x 1.5	16.2	18.0	380
5x2 x 0.75	14.9	17.0	304	5x2 x 1.5	17.8	20.0	441
7x2 x 0.75	16.1	18.0	374	7x2 x 1.5	19.5	21.5	553
10x2 x 0.75	20.4	23.0	511	10x2 x 1.5	24.8	27.5	775
12x2 x 0.75	21.1	23.5	566	12x2 x 1.5	25.6	28.0	867
14x2 x 0.75	22.3	25.0	637	14x2 x 1.5	26.8	29.5	967
16x2 x 0.75	23.4	26.0	699	16x2 x 1.5	28.4	31.5	1083
19x2 x 0.75	24.8	27.5	797	19x2 x 1.5	30.1	33.0	1242
24x2 x 0.75	28.9	32.0	987	24x2 x 1.5	35.2	38.5	1561
27x2 x 0.75	29.5	32.5	1063	27x2 x 1.5	36.7	40.0	1786
30x2 x 0.75	30.7	34.0	1161	30x2 x 1.5	37.9	41.5	1948
33x2 x 0.75	31.9	35.5	1249	33x2 x 1.5	39.6	43.5	2099
37x2 x 0.75	33.3	37.0	1374	37x2 x 1.5	41.2	45.0	2307
43x2 x 0.75	36.6	40.5	1662	43x2 x 1.5	44.7	49.0	2639
48x2 x 0.75	38.7	42.5	1831	48x2 x 1.5	47.3	51.5	2914
1x2 x 1.0	8.8	10.0	105	1x2 x 2.5	10.4	11.5	156
2x2 x 1.0	12.5	14.0	189	2x2 x 2.5	15.8	17.0	332
3x2 x 1.0	13.2	15.0	226	3x2 x 2.5	16.9	18.5	417
4x2 x 1.0	15.0	17.0	311	4x2 x 2.5	18.4	20.0	503
5x2 x 1.0	16.3	18.0	368	5x2 x 2.5	20.2	22.0	600
7x2 x 1.0	17.8	20.0	446	7x2 x 2.5	22.1	24.0	762
10x2x 1.0	22.6	25.0	624	10x2 x 2.5	28.3	30.5	1073
12x2 x 1.0	23.3	26.0	694	12x2 x 2.5	29.2	31.5	1213
14x2 x 1.0	24.4	27.0	781	14x2 x 2.5	30.8	33.0	1377
16x2 x 1.0	25.9	28.5	862	16x2 x 2.5	32.5	35.0	1548
19x2 x 1.0	27.4	30.5	983	19x2 x 2.5	34.4	37.0	1766
24x2 x 1.0	32.1	35.5	1223	24x2 x 2.5	41.2	44.0	2343
27x2 x 1.0	32.9	36.0	1336	27x2 x 2.5	42.1	45.0	2550
30x2 x 1.0	34.1	37.5	1445	30x2 x 2.5	43.8	46.5	2791
33x2 x 1.0	35.6	39.0	1662	33x2 x 2.5	45.5	48.5	3017
37x2 x 1.0	37.4	41.0	1806	37x2 x 2.5	47.4	50.5	3327
43x2 x 1.0	40.6	44.5	2082	43x2 x 2.5	51.4	54.5	3839
48x2 x 1.0	42.9	47.0	2274	48x2 x 2.5	54.6	58.0	4244

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CHJ85/SC, CHJ86/SC

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3x0.75	8.6	9.8	107	1x3x1.5	9.9	11.5	148
2x3x0.75	12.6	14.5	188	2x3x1.5	15.6	17.5	312
3x3x0.75	13.3	15.0	230	3x3x1.5	16.7	18.5	392
4x3x0.75	15.2	17.0	319	4x3x1.5	18.1	20.0	472
5x3x0.75	16.7	18.5	379	5x3x1.5	19.9	22.0	565
7x3x0.75	18.0	20.0	465	7x3x1.5	21.6	24.0	711
10x3x0.75	22.9	25.5	653	10x3x1.5	27.9	30.5	1016
12x3x0.75	23.7	26.5	732	12x3x1.5	28.8	31.5	1150
14x3x0.75	25.0	27.5	827	14x3x1.5	30.4	33.5	1306
16x3x0.75	26.3	29.0	915	16x3x1.5	32	35.0	1453
19x3x0.75	27.9	31.0	1050	19x3x1.5	33.9	37.0	1676
24x3x0.75	32.8	36.0	1322	24x3x1.5	40.4	44.5	2210
27x3x0.75	33.4	37.0	1431	27x3x1.5	41.5	45.5	2426
30x3x0.75	34.6	38.0	1552	30x3x1.5	42.9	47.0	2635
33x3x0.75	36.6	40.5	1781	33x3x1.5	44.8	49.0	2870
37x3x0.75	38.2	42.0	1960	37x3x1.5	46.7	51.0	3167
43x3x0.75	41.4	45.5	2241	43x3x1.5	50.6	55.5	3630
48x3x0.75	43.8	48.0	2475	48x3x1.5	53.5	58.5	4014
1x3x1.0	9.2	10.5	124	1x3x2.5	11.2	12.5	200
2x3x1.0	14.4	16.0	262	2x3x2.5	17.7	19.0	417
3x3x1.0	15.3	17.0	319	3x3x2.5	18.7	20.5	525
4x3x1.0	16.8	18.5	389	4x3x2.5	20.6	22.5	654
5x3x1.0	18.2	20.5	454	5x3x2.5	22.7	24.5	788
7x3x1.0	19.9	22.0	573	7x3x2.5	24.8	26.5	1017
10x3x1.0	25.4	28.0	807	10x3x2.5	31.8	34.0	1437
12x3x1.0	26.2	29.0	907	12x3x2.5	33.1	35.5	1659
14x3x1.0	27.7	30.5	1028	14x3x2.5	34.7	37.0	1874
16x3x1.0	29.1	32.0	1139	16x3x2.5	37.3	40.0	2205
19x3x1.0	30.9	34.0	1311	19x3x2.5	39.5	42.0	2545
24x3x1.0	36.8	40.5	1740	24x3x2.5	46.7	49.5	3220
27x3x1.0	37.6	41.5	1887	27x3x2.5	47.6	50.5	3521
30x3x1.0	39.1	43.0	2063	30x3x2.5	49.6	52.5	3865
33x3x1.0	40.6	44.5	2226	33x3x2.5	51.7	55.0	4214
37x3x1.0	42.3	46.5	2451	37x3x2.5	53.6	57.0	4633
43x3x1.0	45.9	50.5	2808	43x3x2.5	58.4	62.0	5353
48x3x1.0	48.6	53.5	3103	48x3x2.5	61.8	65.5	5928

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CHJP85/SC系列，CHJP86/SC系列

150/250V

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication calbe without inner sheath

图例 Example:

CHJP86/SC
7X2X1.5



型号: CHJP85/SC
Type: CHJP86/SC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

执行标准 Standards applied

- | | | |
|------------------|------|-----------------|
| IEC 60092-376 | – 设计 | Design |
| IEC 60228 Class2 | – 导体 | Conductor |
| IEC 60092-360 | – 绝缘 | Insulation |
| IEC 60092-360 | – 护套 | Sheath |
| IEC 60332-3-22 | – 阻燃 | Flame Retardant |
| IEC 60754 | – 无卤 | Halogen Free |
| IEC 61034 | – 低烟 | Low Smoke |
| IEC60092-350 | – 结构 | Structure |

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜（或镀锡铜），IEC 60228 Class 2 Stranded annealed copper o r tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
对绞屏蔽 Pair screen	P	镀锡铜丝编织，或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Ployoster tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CHJP85/SC CHJP86/SC (铝箔)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2x0.75	8.5	9.6	100	1x2x1.5	9.7	11.0	132
2x2x0.75	12.7	14.5	178	2x2x1.5	15.5	17.5	283
3x2x0.75	13.4	15.0	213	3x2x1.5	16.6	18.5	350
4x2x0.75	15.3	17.0	296	4x2x1.5	18.1	20.0	418
5x2x0.75	16.8	18.5	350	5x2x1.5	19.8	22.0	496
7x2x0.75	18.1	20.5	424	7x2x1.5	21.5	24.0	614
10x2x0.75	23.1	25.5	597	10x2x1.5	27.7	30.5	877
12x2x0.75	23.8	26.5	662	12x2x1.5	28.6	31.5	984
14x2x0.75	25.1	28.0	745	14x2x1.5	30.2	33.0	1113
16x2x0.75	26.4	29.5	821	16x2x1.5	31.9	35.0	1234
19x2x0.75	28.0	31.0	937	19x2x1.5	33.7	37.0	1415
24x2x0.75	32.9	36.5	1180	24x2x1.5	40.2	44.0	1880
27x2x0.75	33.6	37.0	1273	27x2x1.5	41.3	45.0	2056
30x2x0.75	34.8	38.5	1375	30x2x1.5	42.7	46.5	2223
33x2x0.75	36.8	40.5	1587	33x2x1.5	44.6	48.5	2418
37x2x0.75	38.4	42.0	1742	37x2x1.5	46.4	50.5	2658
43x2x0.75	41.6	46.0	1988	43x2x1.5	50.4	55.0	3042
48x2x0.75	44.0	48.5	2191	48x2x1.5	53.3	58.0	3358
1x2x1.0	9.1	10.5	114	1x2x2.5	10.7	12.0	167
2x2x1.0	14.4	16.0	244	2x2x2.5	17.5	19.0	366
3x2x1.0	15.3	17.0	292	3x2x2.5	18.5	20.0	450
4x2x1.0	16.8	18.5	354	4x2x2.5	20.4	22.0	555
5x2x1.0	18.2	20.5	410	5x2x2.5	22.4	24.0	663
7x2x1.0	19.9	22.0	511	7x2x2.5	24.4	26.5	835
10x2x1.0	25.4	28.0	718	10x2x2.5	31.5	33.5	1192
12x2x1.0	26.2	29.0	801	12x2x2.5	32.5	35.0	1348
14x2x1.0	27.7	30.5	904	14x2x2.5	34.4	37.0	1533
16x2x1.0	29.1	32.0	997	16x2x2.5	36.9	39.5	1812
19x2x1.0	30.9	34.0	1142	19x2x2.5	39.1	41.5	2081
24x2x1.0	36.8	40.5	1527	24x2x2.5	46.0	49.0	2612
27x2x1.0	37.6	41.5	1647	27x2x2.5	47.2	50.0	2864
30x2x1.0	39.1	43.0	1796	30x2x2.5	49.0	52.0	3132
33x2x1.0	40.6	44.5	1932	33x2x2.5	50.9	54.0	3385
37x2x1.0	42.3	46.5	2122	37x2x2.5	53.1	56.5	3734
43x2x1.0	45.9	50.5	2425	43x2x2.5	57.8	61.5	4306
48x2x1.0	48.5	53.0	2674	48x2x2.5	61.2	65.0	4761

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CHJP85/SC CHJP86/SC (铝箔屏蔽)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3x0.75	8.9	10.0	115	1x3x1.5	10.2	11.5	158
2x3x0.75	14.6	16.5	255	2x3x1.5	17.2	19.0	354
3x3x0.75	15.4	17.5	305	3x3x1.5	18.3	20.5	436
4x3x0.75	17.0	19.0	372	4x3x1.5	20.1	22.5	536
5x3x0.75	18.4	20.5	432	5x3x1.5	22.1	24.5	640
7x3x0.75	20.2	22.5	542	7x3x1.5	24	26.5	803
10x3x0.75	25.7	28.5	761	10x3x1.5	31	34.0	1147
12x3x0.75	26.5	29.5	851	12x3x1.5	32	35.0	1296
14x3x0.75	28.0	31.0	962	14x3x1.5	33.8	37.0	1471
16x3x0.75	29.5	32.5	1064	16x3x1.5	36.4	40.0	1744
19x3x0.75	31.3	34.5	1221	19x3x1.5	38.5	42.0	1999
24x3x0.75	37.3	41.0	1628	24x3x1.5	45.2	49.5	2506
27x3x0.75	38.3	42.0	1777	27x3x1.5	46.4	50.5	2747
30x3x0.75	39.6	43.5	1920	30x3x1.5	48.1	52.5	2984
33x3x0.75	41.3	45.5	2086	33x3x1.5	50.1	54.5	3246
37x3x0.75	42.9	47.0	2275	37x3x1.5	52.2	57.0	3577
43x3x0.75	46.7	51.5	2622	43x3x1.5	56.7	62.0	4101
48x3x0.75	49.4	54.5	2894	48x3x1.5	60.1	65.5	4559
1x3x1.0	9.5	11.0	133	1x3x2.5	11.5	12.5	211
2x3x1.0	15.8	17.5	295	2x3x2.5	19.5	21.0	466
3x3x1.0	17.0	19.0	367	3x3x2.5	20.7	22.5	586
4x3x1.0	18.4	20.5	438	4x3x2.5	22.8	24.5	727
5x3x1.0	20.3	22.5	523	5x3x2.5	25	27.0	872
7x3x1.0	22.2	24.5	658	7x3x2.5	27.5	29.5	1126
10x3x1.0	28.4	31.5	927	10x3x2.5	35.5	38.0	1605
12x3x1.0	29.3	32.5	1041	12x3x2.5	37.1	39.5	1919
14x3x1.0	30.9	34.0	1178	14x3x2.5	39.2	42.0	2180
16x3x1.0	32.8	36.0	1322	16x3x2.5	41.5	44.0	2447
19x3x1.0	34.5	38.0	1500	19x3x2.5	43.9	46.5	2819
24x3x1.0	41.4	45.5	2011	24x3x2.5	51.9	55.0	3563
27x3x1.0	42.2	46.5	2177	27x3x2.5	53	56.5	3893
30x3x1.0	43.9	48.0	2378	30x3x2.5	55.2	58.5	4269
33x3x1.0	45.6	50.0	2565	33x3x2.5	57.5	61.0	4650
37x3x1.0	47.5	52.0	2822	37x3x2.5	59.9	63.5	5137
43x3x1.0	51.8	56.5	3256	43x3x2.5	65.3	69.0	5930
48x3x1.0	54.8	60.0	3595	48x3x2.5	69	73.0	6559

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CHJP85/SC CHJP86/SC (铜丝屏蔽)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2x0.75	9.2	10.5	147	1x2x1.5	10.4	12.0	189
2x2x0.75	14.5	16.5	311	2x2x1.5	16.9	18.5	407
3x2x0.75	15.4	17.0	391	3x2x1.5	17.9	20.0	518
4x2x0.75	16.9	19.0	485	4x2x1.5	19.7	22.0	646
5x2x0.75	18.3	20.5	573	5x2x1.5	21.4	23.5	768
7x2x0.75	20.1	22.5	741	7x2x1.5	23.5	26.0	999
10x2x0.75	25.6	28.5	1046	10x2x1.5	30.2	33.0	1424
12x2x0.75	26.4	29.0	1193	12x2x1.5	31.2	34.0	1632
14x2x0.75	27.9	31.0	1361	14x2x1.5	33.0	36.0	1865
16x2x0.75	29.4	32.5	1520	16x2x1.5	34.8	38.0	2087
19x2x0.75	31.1	34.0	1761	19x2x1.5	37.3	41.0	2514
24x2x0.75	37.1	41.0	2311	24x2x1.5	44.1	48.0	3181
27x2x0.75	37.9	41.5	2528	27x2x1.5	45.0	49.0	3486
30x2x0.75	39.4	43.0	2774	30x2x1.5	46.8	51.0	3828
33x2x0.75	41.1	45.0	3026	33x2x1.5	48.6	53.0	4155
37x2x0.75	42.6	46.5	3327	37x2x1.5	50.7	55.0	4602
43x2x0.75	46.5	51.0	3848	43x2x1.5	55.2	60.0	5318
48x2x0.75	49.1	54.0	4261	48x2x1.5	58.4	63.5	5893
1x2x1.0	9.8	11.0	167	1x2x2.5	11.6	13.0	237
2x2x1.0	15.6	17.5	352	2x2x2.5	18.7	20.5	498
3x2x1.0	16.7	18.5	452	3x2x2.5	20.0	21.5	651
4x2x1.0	18.2	20.0	554	4x2x2.5	22.0	24.0	816
5x2x1.0	20.0	22.0	667	5x2x2.5	24.0	26.0	975
7x2x1.0	21.7	24.0	852	7x2x2.5	26.3	28.5	1275
10x2x1.0	27.9	30.5	1216	10x2x2.5	34.0	36.5	1820
12x2x1.0	28.8	31.5	1390	12x2x2.5	35.1	37.5	2093
14x2x1.0	30.4	33.5	1586	14x2x2.5	37.6	40.0	2489
16x2x1.0	32.1	35.0	1774	16x2x2.5	39.9	42.5	2805
19x2x1.0	34.0	37.0	2057	19x2x2.5	42.2	45.0	3249
24x2x1.0	40.5	44.5	2692	24x2x2.5	49.9	53.0	4109
27x2x1.0	41.6	45.5	2968	27x2x2.5	50.9	54.0	4512
30x2x1.0	43.0	47.0	3236	30x2x2.5	53.0	56.5	4960
33x2x1.0	44.9	49.0	3532	33x2x2.5	55.2	58.5	5413
37x2x1.0	46.8	51.0	3908	37x2x2.5	57.5	61.0	5997
43x2x1.0	50.7	55.5	4491	43x2x2.5	62.7	66.5	6934
48x2x1.0	53.7	58.5	4977	48x2x2.5	66.3	70.5	7685

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CHJP85/SC CHJP86/SC (铜丝屏蔽)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x3x0.75	9.3	10.5	163	1x3x1.5	10.6	12.0	215
2x3x0.75	15.5	17.5	354	2x3x1.5	18.1	20.0	474
3x3x0.75	16.3	18.5	447	3x3x1.5	19.4	21.5	618
4x3x0.75	18.0	20.0	559	4x3x1.5	21.1	23.5	764
5x3x0.75	19.8	22.0	674	5x3x1.5	23.2	25.5	924
7x3x0.75	21.4	24.0	862	7x3x1.5	25.5	28.0	1207
10x3x0.75	27.6	30.5	1232	10x3x1.5	32.9	36.0	1723
12x3x0.75	28.5	31.5	1410	12x3x1.5	34	37.0	1980
14x3x0.75	30.1	33.0	1610	14x3x1.5	36.4	40.0	2355
16x3x0.75	31.7	35.0	1800	16x3x1.5	38.5	42.0	2651
19x3x0.75	33.6	37.0	2089	19x3x1.5	40.6	44.5	3053
24x3x0.75	40.1	44.0	2733	24x3x1.5	48	52.5	3861
27x3x0.75	41.1	45.0	3012	27x3x1.5	49.2	53.5	4263
30x3x0.75	42.6	46.5	3289	30x3x1.5	51	55.5	4662
33x3x0.75	44.4	48.5	3589	33x3x1.5	53.1	58.0	5088
37x3x0.75	46.0	50.5	3950	37x3x1.5	55.4	60.5	5639
43x3x0.75	50.2	55.0	4569	43x3x1.5	60.3	65.5	6518
48x3x0.75	53.1	58.0	5063	48x3x1.5	63.8	69.5	7225
1x3x1.0	10.0	11.5	187	1x3x2.5	11.9	13.0	277
2x3x1.0	16.9	19.0	412	2x3x2.5	20.3	22.0	601
3x3x1.0	17.9	20.0	525	3x3x2.5	21.6	23.5	784
4x3x1.0	19.7	22.0	656	4x3x2.5	23.8	25.5	990
5x3x1.0	21.4	24.0	780	5x3x2.5	26.2	28.0	1200
7x3x1.0	23.5	26.0	1016	7x3x2.5	28.7	31.0	1577
10x3x1.0	30.2	33.5	1449	10x3x2.5	37.6	40.0	2343
12x3x1.0	31.2	34.5	1661	12x3x2.5	39.1	41.5	2714
14x3x1.0	33.0	36.0	1899	14x3x2.5	41.2	44.0	3099
16x3x1.0	34.8	38.0	2126	16x3x2.5	43.7	46.5	3496
19x3x1.0	37.3	41.0	2560	19x3x2.5	46.3	49.5	4059
24x3x1.0	44.1	48.0	3240	24x3x2.5	54.7	58.0	5128
27x3x1.0	45.1	49.5	3554	27x3x2.5	55.8	59.0	5642
30x3x1.0	46.9	51.5	3904	30x3x2.5	58.1	61.5	6208
33x3x1.0	48.7	53.0	4238	33x3x2.5	60.5	64.0	6778
37x3x1.0	50.7	55.5	4692	37x3x2.5	63.1	67.0	7519
43x3x1.0	55.3	60.5	5426	43x3x2.5	68.7	73.0	8692
48x3x1.0	58.4	64.0	6010	48x3x2.5	72.7	77.0	9640

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJ/NC系列, CHJPF/NC系列

150/250V

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 Example:

CHJPJ85/NC
7X2X0.75



型号: CHJPJ/NC
Type: CHJPJ80/NC
CHJPJ90/NC
CHJPJ85/NC
CHJPJ95/NC
CHJPF/NC
CHJPF80/NC
CHJPF90/NC
CHJPF86/NC
CHJPF96/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60331	— 耐火	Fire Resistant
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC 60754	— 无卤	Halogen Free
IEC 61034	— 低烟	Low Smoke

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合镀锡退火铜, IEC 60228 Class 2 Stranded tinned annealed copper (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-351
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJV/NA系列

150/250V

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication calbe

图例 Example:

CHJV82/NA
7X2X0.75



型号: CHJV/NA
Type: CHJV80/NA
CHJV90/NA
CHJV82/NA
CHJV92/NA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC60092-350	– 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜（或镀锡铜），IEC 60228 Class 2 Stranded annealed copper o r tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
内护套 Inner sheath	V	聚氯乙烯 PVC
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CHJPJ/NC, CHJPF/NC系列

(CHJV/NA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJPJ/NC, CHJPF/NC			CHJPJ80/NC, CHJPF80/NC CHJPJ90/NC, CHJPF90/NC				CHJPJ85/NC, CHJPF86/NC CHJPJ95/NC, CHJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	8.2	9.6	66	9.3	10.5	116	110	11.4	13.0	160	154
2x2 x 0.75	12.4	14.0	125	14.0	15.5	236	223	16.1	18.0	300	287
3x2 x 0.75	13.2	15.0	157	14.8	16.5	276	263	17.1	19.0	350	336
4x2 x 0.75	14.7	16.5	199	16.3	18.0	333	317	18.6	20.5	412	396
5x2 x 0.75	16.1	18.0	236	17.7	20.0	383	366	20.0	22.0	467	450
7x2 x 0.75	17.8	20.0	308	19.4	21.5	472	454	21.9	24.0	572	553
10x2 x 0.75	23.1	25.5	447	24.7	27.0	661	637	27.4	30.0	795	771
12x2 x 0.75	23.9	26.5	508	25.5	28.0	731	707	28.2	31.0	867	842
14x2 x 0.75	25.3	28.0	583	26.9	29.5	821	796	29.8	32.5	976	950
16x2 x 0.75	26.7	29.5	650	28.3	31.5	903	876	31.2	34.0	1063	1035
19x2 x 0.75	28.4	31.5	757	30.0	33.0	1029	1000	32.9	36.0	1195	1166
24x2 x 0.75	33.7	37.0	968	35.8	39.0	1388	1342	39.1	42.5	1617	1571
27x2 x 0.75	34.5	38.0	1058	36.6	40.0	1491	1444	39.9	43.5	1721	1674
30x2 x 0.75	35.9	39.5	1167	38.0	41.5	1621	1572	41.3	45.0	1856	1807
33x2 x 0.75	37.4	41.5	1265	39.5	43.5	1740	1689	43.0	47.0	2000	1949
37x2 x 0.75	39.0	43.0	1406	41.1	45.0	1905	1852	44.6	48.5	2171	2118
43x2 x 0.75	42.5	47.0	1624	44.6	49.0	2172	2114	48.3	52.5	2477	2419
48x2 x 0.75	45.1	49.5	1808	47.2	51.5	2393	2332	51.1	55.5	2734	2672
1x2 x 1.0	9.0	10.5	81	10.1	11.5	136	129	12.2	13.5	183	177
2x2 x 1.0	13.4	15.5	146	15.0	17.0	266	252	17.3	19.0	342	328
3x2 x 1.0	14.5	16.0	193	16.1	18.0	325	310	18.4	20.0	403	388
4x2 x 1.0	15.9	18.0	238	17.5	19.5	383	367	19.8	21.5	466	449
5x2 x 1.0	17.6	19.5	291	19.2	21.0	453	434	21.7	24.0	551	533
7x2 x 1.0	19.4	21.5	380	21.0	23.0	561	541	23.5	25.5	666	646
10x2 x 1.0	25.2	28.0	550	26.8	29.5	786	760	29.7	32.5	941	915
12x2 x 1.0	26.1	29.0	627	27.7	30.5	874	847	30.6	33.5	1031	1004
14x2 x 1.0	27.7	30.5	721	29.3	32.0	986	957	32.2	35.0	1148	1120
16x2 x 1.0	29.2	32.5	804	30.8	34.0	1085	1055	33.9	37.0	1269	1239
19x2 x 1.0	31.1	34.0	938	33.2	36.0	1328	1286	36.3	39.5	1522	1480
24x2 x 1.0	36.9	40.5	1197	39.0	42.5	1663	1613	42.5	46.0	1923	1873
27x2 x 1.0	37.7	41.5	1309	39.8	43.5	1789	1738	43.3	47.0	2050	1999
30x2 x 1.0	39.3	43.0	1446	41.4	45.0	1950	1897	44.9	48.5	2217	2163
33x2 x 1.0	41.1	45.0	1586	43.2	47.0	2117	2061	46.9	51.0	2412	2356
37x2 x 1.0	42.7	47.0	1743	44.8	49.0	2299	2241	48.5	52.5	2600	2542
43x2 x 1.0	46.7	51.0	2035	48.8	53.0	2648	2585	52.7	57.0	2992	2929
48x2 x 1.0	49.5	54.0	2263	51.6	56.0	2918	2851	55.7	60.5	3301	3234

CHJPJ/NC, CHJPF/NC系列

(CHJV/NA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJPJ/NC, CHJPF/NC			CHJPJ80/NC, CHJPF80/NC CHJPJ90/NC, CHJPF90/NC				CHJPJ85/NC, CHJPF86/NC CHJPJ95/NC, CHJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 1.5	9.6	11.0	95	10.7	12.0	154	147	12.8	14.0	204	197
2x2 x 1.5	14.6	16.5	182	16.2	18.0	314	299	18.5	20.0	393	378
3x2 x 1.5	15.6	17.5	234	17.2	19.0	377	360	19.5	21.0	458	442
4x2 x 1.5	17.3	19.0	298	18.9	21.0	457	440	21.4	23.5	555	537
5x2 x 1.5	18.9	21.0	356	20.5	23.0	531	512	23.0	25.5	634	614
7x2 x 1.5	20.9	23.0	470	22.5	24.5	667	646	25.2	27.5	787	765
10x2 x 1.5	27.4	30.0	691	29.0	31.5	952	924	31.9	34.5	1114	1086
12x2 x 1.5	28.4	31.0	791	30.0	32.5	1065	1036	32.9	35.5	1229	1200
14x2 x 1.5	29.8	33.0	895	31.4	34.5	1185	1155	34.5	37.5	1369	1339
16x2 x 1.5	31.7	35.0	1017	33.8	37.0	1418	1375	36.9	40.0	1612	1569
19x2 x 1.5	33.7	37.0	1187	35.8	39.0	1618	1572	39.1	42.5	1836	1790
24x2 x 1.5	40.0	44.0	1512	42.1	46.0	2027	1973	45.8	50.0	2317	2263
27x2 x 1.5	41.1	45.0	1678	43.2	47.0	2213	2157	46.9	50.5	2504	2448
30x2 x 1.5	42.6	46.5	1832	44.7	49.0	2391	2333	48.4	52.5	2687	2629
33x2 x 1.5	44.6	48.5	2011	46.7	50.5	2601	2540	50.6	54.5	2927	2866
37x2 x 1.5	46.5	50.5	2235	48.6	53.0	2856	2793	52.5	57.0	3188	3125
43x2 x 1.5	50.7	55.5	2582	52.8	57.5	3266	3197	56.9	61.5	3644	3575
48x2 x 1.5	53.7	58.5	2872	55.8	61.0	3603	3530	60.1	65.0	4021	3948
1x2 x 2.5	10.6	12.0	125	12.2	13.5	222	211	14.3	15.5	277	266
2x2 x 2.5	16.2	17.5	240	17.8	19.0	388	371	20.1	21.5	472	456
3x2 x 2.5	17.5	19.0	325	19.1	20.5	487	469	21.6	23.0	584	566
4x2 x 2.5	19.5	21.0	417	21.1	22.5	600	580	23.6	25.0	703	683
5x2 x 2.5	21.4	23.0	501	23.0	24.5	704	682	25.7	27.5	825	803
7x2 x 2.5	23.6	25.5	667	25.2	27.0	896	872	27.9	29.5	1022	998
10x2 x 2.5	30.9	33.0	973	33.0	35.0	1363	1321	36.1	38.5	1554	1512
12x2 x 2.5	32.0	34.0	1122	34.1	36.5	1531	1488	37.4	39.5	1740	1696
14x2 x 2.5	33.9	36.0	1293	36.0	38.5	1731	1685	39.3	41.5	1945	1899
16x2 x 2.5	36.0	38.5	1468	38.1	40.5	1938	1889	41.6	44.0	2178	2129
19x2 x 2.5	38.2	41.0	1715	40.3	43.0	2221	2169	43.8	46.5	2466	2414
24x2 x 2.5	45.3	48.0	2178	47.4	50.5	2783	2722	51.3	54.5	3108	3047
27x2 x 2.5	46.6	49.5	2421	48.7	51.5	3053	2989	52.6	55.5	3376	3313
30x2 x 2.5	48.3	51.5	2651	50.4	53.5	3312	3247	54.5	57.5	3664	3599
33x2 x 2.5	50.5	53.5	2907	52.6	56.0	3605	3537	56.7	60.0	3965	3897
37x2 x 2.5	52.7	56.0	3235	54.8	58.0	3973	3902	59.1	62.5	4364	4293
43x2 x 2.5	57.6	61.0	3765	59.7	63.0	4582	4504	64.2	68.0	5024	4946
48x2 x 2.5	61.0	64.5	4186	63.1	67.0	5061	4979	67.8	71.5	5547	5465

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJ/NC, CHJPF/NC系列

(CHJV/NA系列可参照使用)

对数x3x截面面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJPJ/NC, CHJPF/NC			CHJPJ80/NC, CHJPF80/NC CHJPJ90/NC, CHJPF90/NC				CHJPJ85/NC, CHJPF86/NC CHJPJ95/NC, CHJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 0.75	8.9	10.0	83	10.0	11.5	137	131	12.1	13.5	184	177
2x3 x 0.75	14.1	16.0	162	15.7	17.5	289	274	18.0	20.0	366	351
3x3 x 0.75	15.0	17.0	207	16.6	18.5	343	328	18.9	20.5	422	406
4x3 x 0.75	16.6	18.5	262	18.2	20.0	414	397	20.7	22.5	508	490
5x3 x 0.75	18.2	20.5	311	19.8	22.0	478	460	22.3	24.5	579	560
7x3 x 0.75	20.1	22.5	409	21.7	24.0	597	576	24.2	26.5	702	682
10x3 x 0.75	26.2	29.0	591	27.8	30.5	837	810	30.7	33.5	995	969
12x3 x 0.75	27.1	30.0	674	28.7	31.5	931	904	31.6	34.5	1092	1064
14x3 x 0.75	28.7	31.5	776	30.3	33.0	1051	1022	33.4	36.5	1232	1203
16x3 x 0.75	30.5	33.5	880	32.6	35.5	1261	1219	35.7	39.0	1453	1411
19x3 x 0.75	32.2	35.5	1010	34.3	37.5	1416	1372	37.6	41.0	1630	1586
24x3 x 0.75	38.4	42.0	1306	40.5	44.5	1793	1741	44.0	48.0	2059	2007
27x3 x 0.75	39.3	43.0	1430	41.4	45.0	1933	1880	44.9	48.5	2199	2146
30x3 x 0.75	40.9	45.0	1578	43.0	47.0	2106	2051	46.7	50.5	2398	2343
33x3 x 0.75	42.6	47.0	1711	44.7	49.0	2264	2206	48.4	52.5	2564	2506
37x3 x 0.75	44.5	48.5	1903	46.6	51.0	2486	2426	50.5	55.0	2815	2755
43x3 x 0.75	48.4	53.5	2196	50.5	55.5	2836	2770	54.6	59.5	3210	3144
48x3 x 0.75	51.3	56.5	2443	53.4	58.5	3126	3057	57.5	62.5	3514	3445
1x3 x 1.0	9.5	11.0	98	10.6	12.0	156	150	12.7	14.0	204	198
2x3 x 1.0	15.2	17.0	192	16.8	18.5	329	313	19.1	21.0	410	395
3x3 x 1.0	16.2	18.5	248	17.8	20.0	396	379	20.1	22.0	479	463
4x3 x 1.0	18.0	20.0	316	19.6	21.5	482	463	22.1	24.0	581	563
5x3 x 1.0	19.9	22.0	387	21.5	24.0	572	551	24.0	26.5	678	657
7x3 x 1.0	22.0	24.5	510	23.6	26.0	718	695	26.3	28.5	841	819
10x3 x 1.0	28.6	31.5	734	30.2	33.0	1007	977	33.3	36.0	1189	1160
12x3 x 1.0	29.6	33.0	842	31.2	34.5	1128	1098	34.3	37.5	1311	1281
14x3 x 1.0	31.3	34.5	968	33.4	36.5	1362	1319	36.5	39.5	1554	1512
16x3 x 1.0	33.3	36.5	1098	35.4	38.5	1520	1475	38.7	42.0	1738	1693
19x3 x 1.0	35.2	39.0	1265	37.3	41.0	1716	1668	40.6	44.0	1939	1891
24x3 x 1.0	42.0	46.0	1630	44.1	48.0	2172	2115	47.8	52.0	2471	2414
27x3 x 1.0	42.9	47.0	1787	45.0	49.5	2347	2289	48.7	53.0	2646	2588
30x3 x 1.0	44.8	49.0	1974	46.9	51.0	2564	2503	50.8	55.0	2893	2832
33x3 x 1.0	46.7	51.0	2163	48.8	53.0	2783	2720	52.7	57.0	3119	3055
37x3 x 1.0	48.6	53.5	2383	50.7	55.5	3034	2968	54.8	59.5	3400	3335
43x3 x 1.0	53.2	58.0	2778	55.3	60.5	3498	3427	59.6	64.5	3915	3843
48x3 x 1.0	56.3	61.5	3087	58.4	64.0	3856	3780	62.9	68.5	4317	4241

CHJPJ/NC, CHJPF/NC系列

(CHJV/NA系列可参照使用)

对数x3x截面面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJPJ/NC, CHJPF/NC			CHJPJ80/NC, CHJPF80/NC CHJPJ90/NC, CHJPF90/NC				CHJPJ85/NC, CHJPF86/NC CHJPJ95/NC, CHJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	10.2	11.5	119	11.8	13.0	212	201	13.9	15.0	265	254
2x3 x 1.5	16.3	18.5	233	17.9	20.0	381	364	20.2	22.5	466	449
3x3 x 1.5	17.6	19.5	314	19.2	21.0	477	459	21.7	23.5	574	556
4x3 x 1.5	19.6	21.5	402	21.2	23.0	585	565	23.7	25.5	689	669
5x3 x 1.5	21.5	24.0	483	23.1	25.5	686	664	25.8	28.5	807	785
7x3 x 1.5	23.7	26.0	640	25.3	27.5	868	844	28.0	30.5	996	971
10x3 x 1.5	31.1	34.0	936	33.2	36.0	1326	1284	36.3	39.5	1519	1477
12x3 x 1.5	32.1	35.5	1077	34.2	37.5	1485	1441	37.5	41.0	1695	1651
14x3 x 1.5	34.0	37.5	1240	36.1	39.5	1677	1630	39.4	43.0	1893	1847
16x3 x 1.5	36.2	39.5	1409	38.3	41.5	1878	1829	41.8	45.5	2120	2071
19x3 x 1.5	38.4	42.0	1644	40.5	44.0	2148	2096	44.0	47.5	2397	2345
24x3 x 1.5	45.6	50.0	2089	47.7	52.0	2693	2631	51.6	56.0	3023	2961
27x3 x 1.5	46.8	51.0	2320	48.9	53.0	2949	2885	52.8	57.0	3277	3214
30x3 x 1.5	48.6	53.0	2539	50.7	55.0	3198	3132	54.8	59.5	3557	3491
33x3 x 1.5	50.7	55.5	2783	52.8	57.5	3477	3408	56.9	62.0	3842	3774
37x3 x 1.5	53.0	58.0	3097	55.1	60.0	3831	3760	59.4	64.5	4230	4158
43x3 x 1.5	57.9	63.0	3604	60.0	65.0	4416	4338	64.5	69.5	4867	4789
48x3 x 1.5	61.3	67.0	4006	63.4	69.0	4875	4792	68.1	74.0	5371	5288
1x3 x 2.5	11.5	12.5	166	13.1	14.5	272	260	15.2	16.5	329	316
2x3 x 2.5	18.4	20.0	326	20.0	21.5	496	477	22.5	24.0	596	577
3x3 x 2.5	19.8	21.5	445	21.4	23.0	632	612	23.9	25.5	735	714
4x3 x 2.5	22.0	24.0	572	23.6	25.5	783	761	26.3	28.0	904	881
5x3 x 2.5	24.2	26.0	692	25.8	27.5	927	902	28.5	30.5	1054	1029
7x3 x 2.5	26.7	28.5	926	28.3	30.5	1193	1166	31.2	33.0	1337	1310
10x3 x 2.5	35.0	37.5	1345	37.1	39.5	1798	1750	40.4	43.0	2015	1968
12x3 x 2.5	36.5	39.0	1577	38.6	41.0	2058	2008	42.1	44.5	2294	2245
14x3 x 2.5	38.6	41.0	1818	40.7	43.5	2333	2281	44.2	47.0	2574	2521
16x3 x 2.5	41.0	43.5	2063	43.1	46.0	2616	2561	46.8	49.5	2886	2830
19x3 x 2.5	43.3	46.0	2394	45.4	48.0	2989	2930	49.1	52.0	3260	3201
24x3 x 2.5	51.8	55.0	3083	53.9	57.0	3804	3734	58.0	61.5	4165	4095
27x3 x 2.5	53.0	56.5	3403	55.1	58.5	4153	4081	59.4	63.0	4536	4465
30x3 x 2.5	55.2	58.5	3759	57.3	60.5	4550	4476	61.6	65.0	4937	4863
33x3 x 2.5	57.6	61.0	4120	59.7	63.0	4955	4877	64.2	68.0	5377	5299
37x3 x 2.5	60.1	64.0	4586	62.2	66.0	5471	5390	66.9	70.5	5925	5844
43x3 x 2.5	65.7	69.5	5331	67.8	71.5	6314	6225	72.7	77.0	6823	6735
48x3 x 2.5	69.6	73.5	5927	71.7	76.0	6982	6888	76.8	81.0	7540	7447

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJPJP/NC系列, CHJPFP/NC系列

150/250V

交联聚乙烯绝缘低烟无卤船用通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication cable

图例 Example:

CHJPJP86/NC
7X2X1.5



型号: CHJPJP/NC
Type: CHJPJP80/NC
CHJPJP90/NC
CHJPJP85/NC
CHJPJP95/NC
CHJPFP/NC
CHJPFP80/NC
CHJPFP90/NC
CHJPFP86/NC
CHJPFP96/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke
IEC60092-350	– 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJVP/NA系列

150/250V

交联聚乙烯绝缘船用通信电缆

XLPE insulated shipboard symmetrical communication cable

图例 Example:

CHJVP82/NA
7X2X0.75



型号: CHJVP/NA
Type: CHJVP80/NA
CHJVP90/NA
CHJVP82/NA
CHJVP92/NA

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical industry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC60092-350	– 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
内护套 Inner sheath	V	聚氯乙烯 PVC
对绞屏蔽 Pair screen	P	镀锡铜丝编织, 或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Polyester tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	2	聚氯乙烯 PVC
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NA	耐火 Fire resistant, IEC60331

CHJJP/NC, CHJFP/NC (铝箔屏蔽)

(CHJVP/NA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJPJ/NC, CHJPPF/NC			CHJJPJP80/NC, CHJPPFP80/NC CHJJPJP90/NC, CHJPPFP90/NC				CHJJPJP85/NC, CHJPPFP86/NC CHJJPJP95/NC, CHJPPFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	No.x 2xmm²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km
1x2 x 0.75	8.7	9.8	77	9.8	11.0	130	124	11.9	13.0	177	171
2x2 x 0.75	14.0	16.0	152	15.6	17.5	278	263	17.9	19.5	356	341
3x2 x 0.75	14.9	16.5	192	16.5	18.5	327	311	18.8	20.5	407	391
4x2 x 0.75	16.6	18.5	243	18.2	20.0	394	377	20.7	22.5	490	473
5x2 x 0.75	18.1	20.0	287	19.7	22.0	452	434	22.2	24.5	555	536
7x2 x 0.75	20.0	22.5	375	21.6	24.0	560	540	24.1	26.5	669	648
10x2 x 0.75	26.0	28.5	542	27.6	30.5	784	757	30.5	34.0	945	919
12x2 x 0.75	26.9	30.0	617	28.5	31.5	870	843	31.4	34.5	1033	1005
14x2 x 0.75	28.5	31.5	708	30.1	33.0	978	949	33.2	36.0	1163	1134
16x2 x 0.75	30.4	34.0	804	32.5	35.5	1180	1139	35.6	38.5	1377	1335
19x2 x 0.75	32.0	35.5	919	34.1	37.5	1318	1275	37.4	41.0	1537	1493
24x2 x 0.75	38.2	42.0	1192	40.3	44.0	1672	1620	43.8	47.5	1942	1890
27x2 x 0.75	39.1	43.0	1302	41.2	45.0	1797	1744	44.7	48.5	2069	2016
30x2 x 0.75	40.5	44.5	1417	42.6	46.5	1933	1878	46.3	50.5	2231	2176
33x2 x 0.75	42.4	46.5	1555	44.5	48.5	2098	2041	48.2	52.5	2405	2348
37x2 x 0.75	44.2	48.5	1726	46.3	50.5	2297	2237	50.2	54.5	2634	2574
43x2 x 0.75	48.2	53.0	1993	50.3	55.0	2620	2555	54.4	59.0	3004	2939
48x2 x 0.75	51.1	56.0	2216	53.2	58.0	2886	2817	57.3	62.5	3286	3216
1x2 x 1.0	9.3	10.5	89	10.4	11.5	146	139	12.5	14.0	194	188
2x2 x 1.0	15.1	17.0	176	16.7	18.5	312	296	19.0	20.5	394	378
3x2 x 1.0	16.1	18.0	225	17.7	19.5	371	354	20.0	22.0	455	439
4x2 x 1.0	17.9	20.0	285	19.5	21.5	449	430	22.0	24.0	550	531
5x2 x 1.0	19.8	22.0	348	21.4	23.5	530	510	23.9	26.0	639	618
7x2 x 1.0	21.6	24.0	445	23.2	25.5	647	624	25.9	28.5	772	750
10x2 x 1.0	28.4	31.0	656	30.0	33.0	923	894	32.9	35.5	1094	1065
12x2 x 1.0	29.3	32.5	747	30.9	34.0	1026	996	34.0	37.0	1214	1184
14x2 x 1.0	31.1	34.0	859	33.2	36.0	1246	1203	36.3	39.5	1443	1401
16x2 x 1.0	33.1	36.0	974	35.2	38.5	1388	1343	38.5	41.5	1612	1566
19x2 x 1.0	34.9	38.5	1116	37.0	40.5	1556	1509	40.3	44.0	1787	1739
24x2 x 1.0	41.6	45.5	1442	43.7	47.5	1971	1914	47.4	51.5	2277	2221
27x2 x 1.0	42.6	46.5	1577	44.7	49.0	2123	2066	48.4	52.5	2432	2374
30x2 x 1.0	44.4	48.5	1740	46.5	50.5	2314	2254	50.4	54.5	2652	2592
33x2 x 1.0	46.3	50.5	1906	48.4	52.5	2509	2446	52.3	56.5	2855	2792
37x2 x 1.0	48.2	52.5	2095	50.3	55.0	2727	2662	54.4	59.0	3106	3041
43x2 x 1.0	52.7	57.5	2442	54.8	59.5	3140	3069	59.1	64.0	3571	3500
48x2 x 1.0	55.8	61.0	2713	57.9	63.0	3458	3383	62.2	67.5	3906	3830

CHJJPJ/NC, CHJPFP/NC (铝箔屏蔽)

(CHJVP/NA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJPJ/NC, CHJPFP/NC			CHJJPJ80/NC, CHJPFP80/NC CHJJPJ90/NC, CHJPFP90/NC				CHJJPJ85/NC, CHJPFP86/NC CHJJPJ95/NC, CHJPFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	9.9	11.5	104	11.0	12.5	165	158	13.1	14.5	216	209
2x2 x 1.5	16.2	18.0	207	17.8	20.0	353	336	20.1	22.0	439	423
3x2 x 1.5	17.4	19.5	275	19.0	21.0	434	416	21.5	23.5	533	515
4x2 x 1.5	19.4	21.5	350	21.0	23.0	529	509	23.5	25.5	635	615
5x2 x 1.5	21.2	23.5	417	22.8	25.0	614	592	25.5	27.5	739	717
7x2 x 1.5	23.4	26.0	550	25.0	27.5	771	747	27.7	30.0	902	878
10x2 x 1.5	30.7	33.5	806	32.8	35.5	1186	1144	35.9	39.0	1384	1342
12x2 x 1.5	31.8	35.0	923	33.9	37.0	1320	1277	37.0	40.0	1520	1476
14x2 x 1.5	33.6	37.0	1060	35.7	39.0	1483	1438	39.0	42.0	1707	1661
16x2 x 1.5	35.8	39.0	1203	37.9	41.0	1657	1609	41.2	44.5	1889	1841
19x2 x 1.5	37.8	41.5	1383	39.9	43.5	1868	1816	43.4	47.0	2126	2074
24x2 x 1.5	45.1	49.5	1781	47.2	51.5	2364	2303	51.1	55.5	2707	2646
27x2 x 1.5	46.3	50.5	1973	48.4	52.5	2579	2516	52.3	56.5	2923	2860
30x2 x 1.5	48.0	52.5	2153	50.1	54.5	2786	2721	54.2	58.5	3161	3096
33x2 x 1.5	50.1	54.5	2359	52.2	56.5	3025	2957	56.3	61.0	3409	3341
37x2 x 1.5	52.3	57.0	2621	54.4	59.0	3324	3253	58.7	63.5	3742	3671
43x2 x 1.5	57.2	62.0	3052	59.3	64.5	3829	3752	63.8	69.0	4302	4225
48x2 x 1.5	60.6	66.0	3391	62.7	68.0	4222	4140	67.4	73.0	4743	4661
1x2 x 2.5	10.9	12.0	135	12.5	13.0	235	223	14.6	16.0	291	279
2x2 x 2.5	18.1	19.5	277	19.7	21.0	442	423	22.2	24.0	544	525
3x2 x 2.5	19.5	21.0	372	21.1	22.5	553	533	23.6	25.0	659	639
4x2 x 2.5	21.5	23.0	466	23.1	25.0	668	646	25.8	27.5	791	769
5x2 x 2.5	23.8	25.5	571	25.4	27.0	797	772	28.1	30.0	929	904
7x2 x 2.5	26.3	28.5	758	27.9	30.0	1013	986	30.8	33.0	1165	1138
10x2 x 2.5	34.5	37.0	1105	36.6	39.0	1540	1493	39.9	42.5	1768	1721
12x2 x 2.5	35.9	38.5	1289	38.0	40.5	1749	1700	41.3	44.0	1977	1928
14x2 x 2.5	37.8	40.5	1464	39.9	42.5	1953	1902	43.4	46.0	2207	2156
16x2 x 2.5	40.2	43.0	1662	42.3	45.0	2187	2132	46.0	48.5	2471	2416
19x2 x 2.5	42.6	45.5	1939	44.7	47.5	2503	2446	48.4	51.5	2794	2736
24x2 x 2.5	50.8	54.0	2485	52.9	56.0	3165	3096	57.0	60.5	3549	3480
27x2 x 2.5	52.1	55.5	2757	54.2	57.5	3465	3394	58.5	62.0	3873	3803
30x2 x 2.5	54.1	57.5	3017	56.2	59.5	3759	3686	60.5	64.0	4174	4101
33x2 x 2.5	56.5	60.0	3306	58.6	62.0	4088	4012	63.1	66.5	4541	4465
37x2 x 2.5	59.0	62.5	3676	61.1	64.5	4504	4424	65.6	69.5	4964	4884
43x2 x 2.5	64.4	68.5	4273	66.5	70.5	5189	5102	71.4	75.5	5740	5653
48x2 x 2.5	68.5	72.5	4781	70.6	74.5	5766	5674	75.7	80.0	6372	6280

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

Note: Data above only for reference, confirmation needed by our technical department. We reserve the right to alter all information without notice.

CHJJP/NC, CHJPFP/NC (铝箔屏蔽)

(CHJVP/NA系列可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/NC, CHJPFP/NC			CHJJP80/NC, CHJPFP80/NC CHJJP90/NC, CHJPFP90/NC				CHJJP85/NC, CHJPFP86/NC CHJJP95/NC, CHJPFP96/NC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x3 x 0.75	9.2	10.5	94	10.3	11.5	150	144	12.4	13.5	198	191
2x3 x 0.75	15.5	17.5	191	17.1	19.0	331	315	19.4	21.5	413	397
3x3 x 0.75	16.8	18.5	253	18.4	20.5	406	389	20.9	23.0	502	484
4x3 x 0.75	18.4	20.5	312	20.0	22.0	481	462	22.5	24.5	583	564
5x3 x 0.75	20.4	22.5	382	22.0	24.5	571	550	24.5	27.0	680	659
7x3 x 0.75	22.5	25.0	502	24.1	26.5	714	691	26.8	29.0	840	817
10x3 x 0.75	29.3	32.5	723	30.9	34.0	1001	971	34.0	37.0	1188	1158
12x3 x 0.75	30.5	33.5	841	32.6	35.5	1220	1178	35.7	39.0	1413	1372
14x3 x 0.75	32.1	35.5	951	34.2	37.5	1353	1309	37.5	41.0	1569	1525
16x3 x 0.75	34.2	37.5	1079	36.3	39.5	1510	1463	39.6	43.0	1735	1689
19x3 x 0.75	36.3	40.0	1257	38.4	42.0	1719	1670	41.9	45.5	1970	1921
24x3 x 0.75	43.0	47.5	1599	45.1	49.5	2151	2092	48.8	53.5	2459	2401
27x3 x 0.75	44.2	48.5	1772	46.3	50.5	2345	2285	50.2	54.5	2679	2619
30x3 x 0.75	45.9	50.5	1934	48.0	52.5	2534	2472	51.9	56.5	2874	2812
33x3 x 0.75	47.9	52.5	2120	50.0	54.5	2751	2686	53.9	58.5	3098	3033
37x3 x 0.75	50.0	54.5	2355	52.1	55.0	3020	2952	56.2	61.0	3401	3333
43x3 x 0.75	54.7	59.5	2744	56.8	62.0	3479	3405	61.1	66.0	3912	3838
48x3 x 0.75	57.9	63.5	3048	60.0	65.5	3833	3754	64.5	70.0	4311	4233
1x3 x 1.0	9.8	11.0	110	10.9	12.0	170	164	13.0	14.5	219	212
2x3 x 1.0	17.0	19.0	231	18.6	20.5	385	367	21.1	23.0	483	465
3x3 x 1.0	18.1	20.0	299	19.7	21.5	465	446	22.2	24.0	565	546
4x3 x 1.0	20.1	22.5	380	21.7	24.0	566	546	24.2	26.5	674	653
5x3 x 1.0	22.3	24.5	465	23.9	26.0	673	650	26.6	29.0	801	778
7x3 x 1.0	24.3	27.0	600	25.9	28.5	831	806	28.6	31.5	964	939
10x3 x 1.0	31.9	34.0	879	34.0	37.5	1275	1232	37.1	40.5	1477	1433
12x3 x 1.0	33.2	36.5	1024	35.3	38.5	1441	1396	38.6	42.0	1662	1616
14x3 x 1.0	35.0	38.5	1160	37.1	40.5	1604	1556	40.4	44.0	1831	1783
16x3 x 1.0	37.2	41.0	1316	39.3	43.0	1791	1740	42.8	46.5	2046	1995
19x3 x 1.0	39.5	43.0	1534	41.6	45.5	2045	1991	45.1	49.0	2307	2253
24x3 x 1.0	47.1	51.5	1972	49.2	53.5	2586	2523	53.1	57.5	2935	2871
27x3 x 1.0	48.1	52.5	2162	50.2	55.0	2797	2732	54.3	59.0	3169	3104
30x3 x 1.0	50.2	55.0	2386	52.3	55.0	3055	2987	56.4	61.0	3435	3368
33x3 x 1.0	52.4	57.0	2613	54.5	59.0	3317	3246	58.8	63.5	3734	3663
37x3 x 1.0	54.7	59.5	2903	56.8	61.5	3646	3572	61.1	66.0	4071	3997
43x3 x 1.0	59.8	65.0	3378	61.9	67.0	4200	4119	66.4	71.5	4681	4600
48x3 x 1.0	63.3	69.0	3752	65.4	71.0	4630	4545	70.1	76.0	5160	5074

CHJJP/NC, CHJFP/NC (铝箔屏蔽)

(CHJVP/NA系列可参照使用)

对数x3x截面面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	10.5	12.0	131	12.1	13.5	227	216	14.2	15.5	281	270
2x3 x 1.5	18.2	20.0	275	19.8	22.0	441	422	22.3	24.5	542	524
3x3 x 1.5	19.6	21.5	369	21.2	23.0	551	530	23.7	25.5	656	636
4x3 x 1.5	21.6	24.0	461	23.2	25.5	663	641	25.9	28.5	787	765
5x3 x 1.5	23.9	26.5	565	25.5	28.0	791	767	28.2	30.5	923	899
7x3 x 1.5	26.4	29.0	749	28.0	30.5	1005	978	30.9	33.5	1156	1129
10x3 x 1.5	34.6	38.0	1092	36.7	40.0	1528	1481	40.0	43.5	1756	1708
12x3 x 1.5	36.0	39.5	1274	38.1	41.5	1734	1685	41.6	45.0	1982	1933
14x3 x 1.5	37.9	41.5	1447	40.0	43.5	1936	1885	43.5	47.5	2190	2138
16x3 x 1.5	40.3	44.0	1641	42.4	46.0	2166	2111	46.1	50.0	2451	2396
19x3 x 1.5	42.8	47.0	1916	44.9	49.0	2481	2423	48.6	52.5	2773	2715
24x3 x 1.5	50.9	55.5	2454	53.0	58.0	3134	3065	57.1	62.0	3518	3449
27x3 x 1.5	52.3	57.0	2723	54.4	59.0	3431	3360	58.7	63.5	3842	3771
30x3 x 1.5	54.5	59.0	3004	56.6	61.5	3750	3676	60.9	66.0	4168	4094
33x3 x 1.5	56.7	62.0	3264	58.8	64.0	4046	3970	63.3	68.5	4502	4425
37x3 x 1.5	59.1	64.5	3628	61.2	66.5	4455	4375	65.7	71.0	4916	4836
43x3 x 1.5	64.6	70.5	4219	66.7	72.5	5134	5047	71.6	77.5	5687	5600
48x3 x 1.5	68.7	74.5	4720	70.8	76.5	5705	5612	75.9	82.0	6313	6221
1x3 x 2.5	11.8	13.0	180	13.4	14.5	289	277	15.5	16.5	346	334
2x3 x 2.5	20.4	22.0	372	22.0	23.5	560	539	24.5	26.0	670	649
3x3 x 2.5	22.0	24.0	507	23.6	25.5	715	692	26.3	28.0	838	815
4x3 x 2.5	24.2	26.0	638	25.8	27.5	870	845	28.5	30.5	1000	975
5x3 x 2.5	26.8	29.0	783	28.4	30.5	1043	1016	31.3	33.5	1197	1169
7x3 x 2.5	29.6	31.5	1046	31.2	33.5	1342	1312	34.3	36.5	1516	1485
10x3 x 2.5	39.0	41.5	1536	41.1	43.5	2041	1988	44.6	47.5	2299	2246
12x3 x 2.5	40.4	43.0	1778	42.5	45.0	2311	2256	46.2	49.0	2589	2534
14x3 x 2.5	42.8	45.5	2048	44.9	47.5	2620	2562	48.6	51.5	2905	2847
16x3 x 2.5	45.5	48.5	2324	47.6	50.5	2939	2877	51.5	54.5	3256	3194
19x3 x 2.5	48.2	51.5	2716	50.3	53.5	3380	3314	54.4	57.5	3725	3660
24x3 x 2.5	57.6	61.0	3494	59.7	63.0	4298	4220	64.2	68.0	4750	4673
27x3 x 2.5	58.9	62.5	3852	61.0	64.5	4688	4608	65.5	69.0	5136	5056
30x3 x 2.5	61.4	65.0	4253	63.5	67.0	5136	5053	68.2	72.0	5620	5537
33x3 x 2.5	64.1	68.0	4658	66.2	70.0	5590	5503	71.1	75.0	6116	6030
37x3 x 2.5	66.8	71.0	5180	68.9	73.0	6167	6077	73.8	78.0	6697	6607
43x3 x 2.5	73.0	77.5	6017	75.1	79.5	7113	7014	80.4	85.0	7743	7645
48x3 x 2.5	77.5	82.0	6722	79.6	84.0	7901	7797	85.1	90.0	8590	8486

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CHJJPJ/NC, CHJPPF/NC (铜丝屏蔽)

(CHJVP/NA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJPJ/NC, CHJPPF/NC			CHJJPJ80/NC, CHJPPF80/NC CHJJPJ90/NC, CHJPPF90/NC				CHJJPJ85/NC, CHJPPF86/NC CHJJPJ95/NC, CHJPPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 0.75	9.4	10.5	131	10.5	12.0	190	184	12.6	14.0	237	231
2x2 x 0.75	15.2	17.0	259	16.8	18.5	400	384	19.1	21.0	478	463
3x2 x 0.75	16.2	18.0	349	17.8	20.0	502	485	20.1	22.0	581	564
4x2 x 0.75	18.0	20.0	451	19.6	21.5	624	605	22.1	24.0	717	698
5x2 x 0.75	19.9	22.0	555	21.5	23.5	748	728	24.0	26.0	847	826
7x2 x 0.75	22.0	24.5	745	23.6	26.0	965	942	26.3	28.5	1077	1055
10x2 x 0.75	28.5	31.5	1069	30.1	33.0	1358	1328	33.2	36.0	1523	1494
12x2 x 0.75	29.5	32.5	1243	31.1	34.0	1548	1518	34.2	37.5	1713	1683
14x2 x 0.75	31.3	34.5	1437	33.4	36.5	1855	1812	36.5	39.5	2025	1983
16x2 x 0.75	33.3	36.5	1635	35.4	38.5	2084	2039	38.7	42.0	2276	2231
19x2 x 0.75	35.1	38.5	1901	37.2	41.0	2383	2335	40.5	44.0	2575	2527
24x2 x 0.75	41.9	46.0	2434	44.0	48.0	3016	2959	47.7	51.5	3275	3218
27x2 x 0.75	42.8	47.0	2692	44.9	49.0	3296	3238	48.6	53.0	3550	3492
30x2 x 0.75	44.6	48.5	2978	46.7	51.0	3616	3555	50.6	55.0	3894	3834
33x2 x 0.75	46.6	51.0	3269	48.7	53.0	3943	3880	52.6	57.0	4224	4161
37x2 x 0.75	48.5	53.0	3623	50.6	55.0	4335	4269	54.7	59.5	4640	4574
43x2 x 0.75	53.0	58.0	4217	55.1	60.0	5007	4936	59.4	64.5	5352	5281
48x2 x 0.75	56.2	61.5	4696	58.3	63.5	5545	5469	62.8	68.0	5925	5849
1x2 x 1.0	10.0	11.5	147	11.1	12.5	210	203	13.2	14.5	260	253
2x2 x 1.0	16.2	18.5	292	17.8	20.0	442	426	20.1	22.0	524	507
3x2 x 1.0	17.5	19.5	403	19.1	21.0	569	551	21.6	23.5	662	644
4x2 x 1.0	19.5	21.5	520	21.1	23.0	708	688	23.6	25.5	807	787
5x2 x 1.0	21.3	24.0	630	22.9	25.5	838	817	25.6	28.0	953	931
7x2 x 1.0	23.6	26.0	848	25.2	27.5	1086	1062	27.9	30.5	1203	1179
10x2 x 1.0	30.9	34.0	1232	33.0	36.0	1635	1593	36.1	39.0	1813	1770
12x2 x 1.0	32.0	35.0	1433	34.1	37.5	1858	1814	37.4	40.5	2051	2007
14x2 x 1.0	33.8	37.0	1655	35.9	39.0	2110	2064	39.2	42.5	2305	2259
16x2 x 1.0	36.0	39.5	1882	38.1	41.5	2372	2323	41.6	45.0	2592	2543
19x2 x 1.0	38.2	41.5	2207	40.3	44.0	2737	2685	43.8	47.5	2957	2905
24x2 x 1.0	45.3	49.5	2799	47.4	51.5	3435	3374	51.3	55.5	3729	3668
27x2 x 1.0	46.5	50.5	3119	48.6	52.5	3784	3721	52.5	56.5	4072	4009
30x2 x 1.0	48.3	52.5	3427	50.4	55.0	4127	4062	54.5	59.0	4441	4375
33x2 x 1.0	50.4	55.0	3760	52.5	57.0	4499	4431	56.6	61.5	4815	4747
37x2 x 1.0	52.6	57.0	4191	54.7	59.5	4976	4905	59.0	64.0	5318	5247
43x2 x 1.0	57.5	62.5	4876	59.6	64.5	5748	5670	64.1	69.0	6133	6055
48x2 x 1.0	61.0	66.5	5428	63.1	68.5	6365	6283	67.8	73.5	6789	6707

CHJJPJ/NC, CHJPFP/NC (铜丝屏蔽)

(CHJVP/NA系列可参照使用)

对数x2x截面面积 No of pairs x 2 x cross section area	CHJJPJ/NC, CHJPFP/NC			CHJJPJ80/NC, CHJPFP80/NC CHJJPJ90/NC, CHJPFP90/NC				CHJJPJ85/NC, CHJPFP86/NC CHJJPJ95/NC, CHJPFP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称	最大		标称	最大	80系列	90系列	标称	最大	85系列	95系列
No.x 2xmm ²	Nom.	Max.	kg/km	Nom.	Max.	kg/km	kg/km	Nom.	Max.	kg/km	kg/km
1x2 x 1.5	10.6	12.0	167	12.2	13.5	266	255	14.3	15.5	319	308
2x2 x 1.5	17.5	19.5	340	19.1	21.0	503	485	21.6	23.5	599	581
3x2 x 1.5	18.7	21.0	461	20.3	22.5	640	621	22.8	25.0	736	717
4x2 x 1.5	20.8	23.0	596	22.4	24.5	799	777	25.1	27.0	912	890
5x2 x 1.5	23.0	25.5	734	24.6	27.0	961	938	27.3	29.5	1081	1057
7x2 x 1.5	25.4	28.0	987	27.0	29.5	1246	1220	29.9	32.5	1381	1355
10x2 x 1.5	33.2	36.0	1431	35.3	38.5	1869	1823	38.6	41.5	2070	2025
12x2 x 1.5	34.4	37.5	1666	36.5	39.5	2128	2082	39.8	43.0	2328	2281
14x2 x 1.5	36.4	39.5	1925	38.5	42.0	2422	2372	42.0	45.5	2642	2592
16x2 x 1.5	38.7	42.0	2188	40.8	44.0	2723	2670	44.3	48.0	2948	2895
19x2 x 1.5	41.1	45.0	2567	43.2	47.0	3147	3091	46.9	50.5	3393	3337
24x2 x 1.5	48.7	53.0	3253	50.8	55.0	3949	3883	54.9	59.5	4274	4208
27x2 x 1.5	50.0	54.5	3625	52.1	56.5	4353	4286	56.2	60.5	4672	4605
30x2 x 1.5	52.1	56.5	4008	54.2	58.5	4778	4708	58.5	63.0	5125	5054
33x2 x 1.5	54.4	59.0	4397	56.5	61.0	5211	5138	60.8	65.5	5560	5487
37x2 x 1.5	56.6	61.5	4874	58.7	63.5	5736	5660	63.2	68.5	6112	6035
43x2 x 1.5	61.8	67.0	5667	63.9	69.5	6625	6541	68.6	74.0	7046	6962
48x2 x 1.5	65.7	71.0	6338	67.8	73.5	7371	7283	72.7	78.5	7833	7745
1x2 x 2.5	11.8	13.0	211	13.4	14.5	322	309	15.5	16.5	378	366
2x2 x 2.5	19.5	21.0	428	21.1	22.5	612	592	23.6	25.0	714	694
3x2 x 2.5	20.8	22.5	582	22.4	24.0	784	763	25.1	27.0	898	876
4x2 x 2.5	23.1	25.0	753	24.7	26.5	982	958	27.4	29.0	1101	1078
5x2 x 2.5	25.6	27.5	928	27.2	29.0	1186	1160	30.1	32.0	1326	1299
7x2 x 2.5	28.2	30.5	1251	29.8	32.0	1546	1517	32.7	35.0	1686	1657
10x2 x 2.5	37.0	39.5	1810	39.1	41.5	2308	2257	42.6	45.0	2538	2488
12x2 x 2.5	38.5	41.0	2130	40.6	43.0	2660	2607	44.1	46.5	2886	2834
14x2 x 2.5	40.5	43.0	2441	42.6	45.5	3008	2953	46.3	49.0	3255	3200
16x2 x 2.5	43.1	46.0	2776	45.2	48.0	3388	3329	48.9	52.0	3640	3581
19x2 x 2.5	45.7	48.5	3257	47.8	50.5	3921	3859	51.7	54.5	4195	4133
24x2 x 2.5	54.7	58.0	4177	56.8	60.0	4984	4910	61.1	64.5	5347	5273
27x2 x 2.5	55.9	59.5	4627	58.0	61.5	5469	5394	62.3	66.0	5821	5745
30x2 x 2.5	58.2	62.0	5115	60.3	64.0	6006	5928	64.8	68.5	6386	6308
33x2 x 2.5	60.8	64.5	5611	62.9	66.5	6555	6473	67.6	71.5	6967	6885
37x2 x 2.5	63.4	67.0	6252	65.5	69.5	7256	7171	70.2	74.0	7665	7579
43x2 x 2.5	69.3	73.5	7265	71.4	75.5	8383	8290	76.5	81.0	8874	8781
48x2 x 2.5	73.6	78.0	8118	75.7	80.0	9325	9226	81.0	85.5	9860	9761

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CHJJP/NC, CHJFP/NC (铜丝屏蔽)

(CHJVP/NA系列可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 0.75	9.6	11.0	150	10.7	12.0	211	205	12.8	14.0	257	251
2x3 x 0.75	16.6	18.5	311	18.2	20.0	465	448	20.7	22.5	557	539
3x3 x 0.75	17.7	19.5	419	19.3	21.0	588	570	21.8	24.0	680	662
4x3 x 0.75	19.6	22.0	541	21.2	23.5	731	711	23.7	26.0	828	807
5x3 x 0.75	21.5	24.0	656	23.1	25.5	867	845	25.8	28.5	980	958
7x3 x 0.75	23.8	26.5	884	25.4	28.0	1125	1101	28.1	30.5	1241	1216
10x3 x 0.75	31.2	34.0	1284	33.3	36.5	1693	1650	36.4	39.5	1869	1826
12x3 x 0.75	32.3	34.0	1495	34.4	37.5	1926	1882	37.7	41.0	2117	2073
14x3 x 0.75	34.2	37.5	1728	36.3	39.5	2191	2145	39.6	43.0	2384	2337
16x3 x 0.75	36.3	40.0	1964	38.4	42.0	2462	2412	41.9	45.5	2678	2628
19x3 x 0.75	38.6	42.0	2305	40.7	44.5	2845	2792	44.2	48.0	3061	3009
24x3 x 0.75	45.8	50.0	2924	47.9	52.5	3572	3510	51.8	56.5	3861	3799
27x3 x 0.75	47.0	51.5	3258	49.1	53.5	3936	3872	53.0	55.0	4219	4156
30x3 x 0.75	49.0	53.5	3604	51.1	55.5	4321	4254	55.2	60.0	4630	4563
33x3 x 0.75	50.9	56.0	3929	53.0	58.0	4682	4613	57.1	62.0	4993	4924
37x3 x 0.75	53.2	58.0	4382	55.3	60.5	5183	5111	59.6	64.5	5519	5447
43x3 x 0.75	58.1	63.5	5097	60.2	65.5	5986	5908	64.7	70.5	6364	6286
48x3 x 0.75	61.6	67.0	5674	63.7	69.5	6630	6547	68.4	74.0	7046	6963
1x3 x 1.0	10.3	11.5	171	11.9	13.0	268	257	14.0	15.5	318	307
2x3 x 1.0	17.8	20.0	354	19.4	21.5	520	502	21.9	24.0	616	597
3x3 x 1.0	19.0	21.0	480	20.6	23.0	662	643	23.1	25.5	758	739
4x3 x 1.0	21.1	23.5	621	22.7	25.0	827	806	25.4	27.5	939	918
5x3 x 1.0	23.4	25.5	765	25.0	27.5	997	973	27.7	30.0	1116	1092
7x3 x 1.0	25.8	28.5	1030	27.4	30.0	1295	1268	30.3	33.0	1429	1402
10x3 x 1.0	33.8	37.0	1493	35.9	39.0	1940	1894	39.2	42.5	2142	2096
12x3 x 1.0	35.0	38.5	1739	37.1	40.5	2212	2164	40.4	44.0	2410	2362
14x3 x 1.0	37.1	41.0	2010	39.2	43.0	2519	2468	42.7	46.5	2739	2688
16x3 x 1.0	39.4	43.0	2285	41.5	45.0	2832	2779	45.0	48.5	3057	3003
19x3 x 1.0	41.8	45.5	2681	43.9	47.5	3274	3217	47.6	51.5	3518	3462
24x3 x 1.0	49.8	54.5	3421	51.9	56.5	4137	4070	56.0	60.5	4463	4395
27x3 x 1.0	50.9	55.5	3787	53.0	58.0	4533	4464	57.1	62.0	4851	4782
30x3 x 1.0	53.1	58.0	4189	55.2	60.0	4979	4907	59.5	64.5	5324	5252
33x3 x 1.0	55.4	60.5	4595	57.5	62.5	5430	5355	61.8	67.0	5777	5702
37x3 x 1.0	57.8	63.0	5121	59.9	65.0	6008	5930	64.4	69.5	6382	6304
43x3 x 1.0	63.2	68.5	5954	65.3	71.0	6941	6856	70.0	75.5	7360	7275
48x3 x 1.0	67.0	73.0	6626	69.1	75.0	7688	7597	74.0	80.0	8148	8057

CHJJP/NC, CHJFP/NC (铜丝屏蔽)

(CHJVP/NA系列可参照使用)

对数x3x截面积 No of triples x 3 x cross section area No.x 3 x mm ²	CHJJP/NC, CHJFP/NC			CHJJP80/NC, CHJFP80/NC CHJJP90/NC, CHJFP90/NC				CHJJP85/NC, CHJFP86/NC CHJJP95/NC, CHJFP96/NC			
	外径 Over diam. mm		约重 Approx. weight kg/km	外径 Overall diameter		大约重量 Approx. weight		外径 Overall diameter		大约重量 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
1x3 x 1.5	10.9	12.5	197	12.5	14.0	300	288	14.6	16.0	352	340
2x3 x 1.5	19.0	21.0	407	20.6	23.0	586	566	23.1	25.5	686	666
3x3 x 1.5	20.5	22.5	566	22.1	24.0	765	744	24.8	27.0	876	855
4x3 x 1.5	22.8	25.0	732	24.4	26.5	958	934	27.1	29.5	1075	1052
5x3 x 1.5	25.2	27.5	902	26.8	29.5	1156	1130	29.7	32.5	1292	1266
7x3 x 1.5	27.8	30.5	1215	29.4	32.0	1505	1477	32.3	35.0	1642	1614
10x3 x 1.5	36.5	40.0	1758	38.6	42.0	2248	2198	42.1	45.5	2475	2426
12x3 x 1.5	37.7	41.5	2050	39.8	43.5	2567	2516	43.3	47.0	2790	2738
14x3 x 1.5	39.9	43.5	2369	42.0	46.0	2926	2872	45.5	49.5	3149	3095
16x3 x 1.5	42.5	46.5	2694	44.6	48.5	3295	3237	48.3	52.5	3545	3488
19x3 x 1.5	45.1	49.5	3162	47.2	51.5	3814	3753	51.1	55.5	4086	4025
24x3 x 1.5	53.7	58.5	4030	55.8	60.5	4818	4746	60.1	65.0	5177	5104
27x3 x 1.5	55.1	60.0	4490	57.2	62.0	5317	5242	61.5	66.5	5666	5591
30x3 x 1.5	57.4	62.5	4964	59.5	64.5	5839	5762	64.0	69.0	6217	6139
33x3 x 1.5	59.9	65.0	5444	62.0	67.0	6370	6289	66.5	71.5	6748	6668
37x3 x 1.5	62.5	67.5	6066	64.6	70.0	7051	6967	69.3	74.5	7457	7373
43x3 x 1.5	68.3	74.0	7049	70.4	76.0	8146	8054	75.5	81.5	8634	8542
48x3 x 1.5	72.3	78.5	7842	74.4	80.5	9021	8924	79.7	86.0	9552	9455
1x3 x 2.5	12.2	13.5	254	13.8	15.0	370	357	15.9	17.0	425	413
2x3 x 2.5	21.3	23.0	523	22.9	24.5	726	704	25.6	27.5	844	822
3x3 x 2.5	22.9	24.5	729	24.5	26.5	955	932	27.2	29.0	1073	1049
4x3 x 2.5	25.5	27.5	945	27.1	29.0	1203	1177	30.0	32.0	1340	1314
5x3 x 2.5	28.2	30.5	1165	29.8	32.0	1456	1427	32.7	35.0	1599	1570
7x3 x 2.5	31.1	33.5	1574	33.2	35.5	1996	1954	36.3	38.5	2157	2114
10x3 x 2.5	40.9	43.5	2290	43.0	45.5	2854	2798	46.7	49.5	3110	3055
12x3 x 2.5	42.4	45.0	2677	44.5	47.5	3276	3219	48.2	51.0	3526	3468
14x3 x 2.5	44.8	47.5	3092	46.9	50.0	3738	3677	50.8	54.0	4010	3950
16x3 x 2.5	47.6	50.5	3515	49.7	52.5	4212	4148	53.6	56.5	4488	4423
19x3 x 2.5	50.5	53.5	4126	52.6	56.0	4885	4817	56.7	60.0	5182	5113
24x3 x 2.5	60.4	64.0	5278	62.5	66.0	6201	6120	67.2	71.0	6624	6543
27x3 x 2.5	61.7	65.5	5852	63.8	67.5	6818	6735	68.5	72.5	7226	7142
30x3 x 2.5	64.3	68.0	6471	66.4	70.5	7496	7409	71.3	75.5	7933	7847
33x3 x 2.5	67.1	71.0	7096	69.2	73.0	8182	8092	74.1	78.0	8620	8529
37x3 x 2.5	70.0	74.0	7910	72.1	76.0	9068	8974	77.2	81.5	9532	9438
43x3 x 2.5	76.7	81.0	9223	78.8	83.5	10519	10416	84.3	89.0	11072	10969
48x3 x 2.5	81.4	86.0	10297	83.5	88.0	11697	11588	89.2	94.0	12297	12187

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CHJ85/NC系列， CHJ86/NC系列

150/250V

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication calbe without inner sheath

图例 Example:

CHJ85/NC
7X2X0.75



型号: CHJ85/NC
Type: CHJ86/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

执行标准 Standards applied

- | | | |
|------------------|------|-----------------|
| IEC 60092-376 | – 设计 | Design |
| IEC 60228 Class2 | – 导体 | Conductor |
| IEC 60092-360 | – 绝缘 | Insulation |
| IEC 60092-360 | – 护套 | Sheath |
| IEC 60331 | – 耐火 | Fire Resistant |
| IEC 60332-3-22 | – 阻燃 | Flame Retardant |
| IEC 60754 | – 无卤 | Halogen Free |
| IEC 61034 | – 低烟 | Low Smoke |
| IEC60092-350 | – 结构 | Structure |

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜（或镀锡铜）， IEC 60228 Class 2 Stranded annealed copper o r tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJ85/NC, CHJ86/NC

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2x0.75	9.4	10.5	110	1x2x1.5	10.6	12.0	142
2x2x0.75	13.4	15.0	186	2x2x1.5	16.1	18.0	292
3x2x0.75	14.9	16.5	264	3x2x1.5	17.3	19.0	361
4x2x0.75	16.2	18.0	311	4x2x1.5	18.8	21.0	430
5x2x0.75	17.8	20.0	367	5x2x1.5	20.6	23.0	510
7x2x0.75	19.5	21.5	453	7x2x1.5	22.6	25.0	640
10x2x0.75	24.8	27.5	635	10x2x1.5	28.9	31.5	900
12x2x0.75	25.6	28.0	702	12x2x1.5	30.1	33.0	1023
14x2x0.75	26.8	29.5	777	14x2x1.5	31.5	34.5	1139
16x2x0.75	28.4	31.5	868	16x2x1.5	33.4	36.5	1276
19x2x0.75	30.1	33.0	988	19x2x1.5	35.2	38.5	1446
24x2x0.75	35.2	38.5	1227	24x2x1.5	42.2	46.0	1944
27x2x0.75	36.7	40.0	1430	27x2x1.5	43.1	47.0	2101
30x2x0.75	37.9	41.5	1537	30x2x1.5	44.8	49.0	2292
33x2x0.75	39.6	43.5	1668	33x2x1.5	46.8	51.0	2492
37x2x0.75	41.2	45.0	1826	37x2x1.5	48.5	53.0	2714
43x2x0.75	44.7	49.0	2083	43x2x1.5	52.9	57.5	3130
48x2x0.75	47.3	51.5	2294	48x2x1.5	55.9	61.0	3451
1x2x1.0	10.0	11.5	124	1x2x2.5	11.8	13.0	183
2x2x1.0	15.1	17.0	255	2x2x2.5	17.9	19.5	372
3x2x1.0	16.0	18.0	303	3x2x2.5	19	20.5	459
4x2x1.0	17.6	19.5	367	4x2x2.5	21	22.5	565
5x2x1.0	19.3	21.5	434	5x2x2.5	23.1	25.0	676
7x2x1.0	20.9	23.0	528	7x2x2.5	25.3	27.0	859
10x2x1.0	26.7	29.5	742	10x2x2.5	32.4	34.5	1210
12x2x1.0	27.8	30.5	839	12x2x2.5	33.7	36.0	1384
14x2x1.0	29.2	32.0	933	14x2x2.5	35.6	38.0	1570
16x2x1.0	30.9	34.0	1042	16x2x2.5	38.2	41.0	1856
19x2x1.0	32.8	36.0	1191	19x2x2.5	40.2	43.0	2108
24x2x1.0	39.1	43.0	1595	24x2x2.5	47.5	50.5	2667
27x2x1.0	39.9	43.5	1716	27x2x2.5	48.6	51.5	2901
30x2x1.0	41.5	45.5	1870	30x2x2.5	50.5	53.5	3172
33x2x1.0	43.1	47.0	2009	33x2x2.5	52.7	56.0	3452
37x2x1.0	44.9	49.0	2204	37x2x2.5	54.9	58.5	3804
43x2x1.0	48.7	53.0	2516	43x2x2.5	59.8	63.5	4386
48x2x1.0	51.7	56.5	2797	48x2x2.5	63.2	67.0	4844

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CHJ85/NC, CHJ86/NC

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3x0.75	9.9	11.5	127	1x3x1.5	11.4	13.0	174
2x3x0.75	15.6	17.5	269	2x3x1.5	18.0	20.0	366
3x3x0.75	16.7	18.5	328	3x3x1.5	19.3	21.5	457
4x3x0.75	18.1	20.0	388	4x3x1.5	21.1	23.0	552
5x3x0.75	19.9	22.0	459	5x3x1.5	23.2	25.5	658
7x3x0.75	21.6	24.0	562	7x3x1.5	25.4	28.0	834
10x3x0.75	27.9	30.5	804	10x3x1.5	32.8	36.0	1190
12x3x0.75	28.8	31.5	896	12x3x1.5	33.8	37.0	1339
14x3x0.75	30.4	33.5	1010	14x3x1.5	35.7	39.0	1518
16x3x0.75	32.0	35.0	1114	16x3x1.5	38.4	42.0	1799
19x3x0.75	33.9	37.0	1273	19x3x1.5	40.4	44.0	2039
24x3x0.75	40.4	44.5	1701	24x3x1.5	47.8	52.0	2582
27x3x0.75	41.5	45.5	1854	27x3x1.5	49	53.5	2824
30x3x0.75	42.9	47.0	1999	30x3x1.5	50.8	55.0	3064
33x3x0.75	44.8	49.0	2171	33x3x1.5	52.9	57.5	3330
37x3x0.75	46.7	51.0	2382	37x3x1.5	55.2	60.0	3668
43x3x0.75	50.6	55.5	2719	43x3x1.5	60.1	65.0	4228
48x3x0.75	53.5	58.5	2997	48x3x1.5	63.5	69.0	4667
1x3x1.0	10.5	12.0	144	1x3x2.5	12.5	14.0	223
2x3x1.0	16.9	19.0	316	2x3x2.5	20.1	22.0	476
3x3x1.0	17.9	20.0	380	3x3x2.5	21.3	23.0	596
4x3x1.0	19.7	22.0	463	4x3x2.5	23.5	25.5	740
5x3x1.0	21.4	24.0	539	5x3x2.5	25.9	28.0	889
7x3x1.0	23.5	26.0	678	7x3x2.5	28.4	30.5	1143
10x3x1.0	30.3	33.5	968	10x3x2.5	37.2	39.5	1723
12x3x1.0	31.3	34.5	1083	12x3x2.5	38.7	41.5	1971
14x3x1.0	33.0	36.0	1223	14x3x2.5	40.6	43.5	2215
16x3x1.0	34.8	38.0	1354	16x3x2.5	43	46.0	2485
19x3x1.0	37.4	41.0	1645	19x3x2.5	45.5	48.5	2861
24x3x1.0	44.2	48.0	2083	24x3x2.5	53.8	57.0	3617
27x3x1.0	45.1	49.5	2250	27x3x2.5	55.2	58.5	3975
30x3x1.0	47.0	51.5	2458	30x3x2.5	57.4	61.0	4354
33x3x1.0	48.7	53.0	2644	33x3x2.5	59.8	63.5	4741
37x3x1.0	50.8	55.5	2907	37x3x2.5	62.1	66.0	5205
43x3x1.0	55.4	60.5	3352	43x3x2.5	67.9	72.0	6039
48x3x1.0	58.5	64.0	3695	48x3x2.5	71.8	76.0	6678

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CHJP85/NC系列， CHJP86/NC系列

150/250V

交联聚乙烯绝缘低烟无卤无内套通信电缆

XLPE insulated halogen-free low-smoke shipboard symmetrical communication calbe without inner sheath

图例 Example:

CHJP86/NC
7X2X1.5



型号: CHJP85/NC
Type: CHJP86/NC

用途 Application

船用通信电缆可用于电信、电子计算机、信息处理设备中的信号传输和控制系统。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for telecommunication, computer and information processing unit of shipboard and naval ship and it is also available to metallurgical insdustry, chemical works, power plant and mining etc.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke
IEC60092-350	– 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CH	船用通信电缆 Shipboard symmetrical communication cable
导体 Conductor		绞合退火铜（或镀锡铜），IEC 60228 Class 2 Stranded annealed copper o r tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
对绞屏蔽 Pair screen	P	镀锡铜丝编织，或铝箔聚酯复合带+镀锡绞合铜丝泄露线屏蔽 Tinned copper wire braided, or Alu/Ployoster tape with a copper drain wire
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CHJP85/NC CHJP86/NC (铝箔屏蔽)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2x0.75	9.7	11.0	120	1x2x1.5	10.9	12.5	153
2x2x0.75	15.5	17.5	258	2x2x1.5	17.9	20.0	339
3x2x0.75	16.6	18.5	313	3x2x1.5	18.9	21.0	408
4x2x0.75	18.1	20.0	369	4x2x1.5	20.9	23.0	498
5x2x0.75	19.8	22.0	434	5x2x1.5	22.9	25.0	590
7x2x0.75	21.5	24.0	528	7x2x1.5	25.1	27.5	740
10x2x0.75	27.7	30.5	754	10x2x1.5	32.2	35.0	1042
12x2x0.75	28.6	31.5	836	12x2x1.5	33.5	36.5	1183
14x2x0.75	30.2	33.0	941	14x2x1.5	35.1	38.5	1318
16x2x0.75	31.9	35.0	1037	16x2x1.5	37.8	41.0	1571
19x2x0.75	33.7	37.0	1181	19x2x1.5	40	43.5	1791
24x2x0.75	40.2	44.0	1585	24x2x1.5	47.3	51.5	2268
27x2x0.75	41.3	45.0	1723	27x2x1.5	48.3	52.5	2450
30x2x0.75	42.7	46.5	1854	30x2x1.5	50.2	54.5	2671
33x2x0.75	44.6	48.5	2012	33x2x1.5	52.3	57.0	2900
37x2x0.75	46.4	50.5	2203	37x2x1.5	54.5	59.0	3185
43x2x0.75	50.4	55.0	2513	43x2x1.5	59.2	64.5	3641
48x2x0.75	53.3	58.0	2768	48x2x1.5	62.8	68.0	4044
1x2x1.0	10.3	11.5	135	1x2x2.5	12.1	13.5	195
2x2x1.0	16.8	18.5	299	2x2x2.5	19.8	21.5	424
3x2x1.0	17.8	19.5	356	3x2x2.5	21	22.5	521
4x2x1.0	19.6	21.5	431	4x2x2.5	23.2	25.0	641
5x2x1.0	21.3	23.5	499	5x2x2.5	25.5	27.5	765
7x2x1.0	23.3	25.5	621	7x2x2.5	28	30.0	972
10x2x1.0	30.1	33.0	888	10x2x2.5	36.7	39.0	1477
12x2x1.0	31.0	34.0	986	12x2x2.5	37.9	40.5	1658
14x2x1.0	32.8	36.0	1112	14x2x2.5	40	42.5	1873
16x2x1.0	34.6	38.0	1228	16x2x2.5	42.4	45.0	2096
19x2x1.0	37.1	40.5	1493	19x2x2.5	44.8	47.5	2399
24x2x1.0	43.8	48.0	1890	24x2x2.5	53	56.5	3033
27x2x1.0	44.8	49.0	2037	27x2x2.5	54.1	57.5	3293
30x2x1.0	46.6	50.5	2219	30x2x2.5	56.3	60.0	3601
33x2x1.0	48.3	52.5	2382	33x2x2.5	58.7	62.5	3915
37x2x1.0	50.4	55.0	2615	37x2x2.5	61.2	65.0	4312
43x2x1.0	54.9	60.0	3011	43x2x2.5	66.6	70.5	4968
48x2x1.0	58.0	63.0	3315	48x2x2.5	70.7	75.0	5520

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CHJP85/NC CHJP86/NC (铝箔屏蔽)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3x0.75	10.3	11.5	140	1x3x1.5	11.8	13.0	190
2x3x0.75	17.4	19.5	320	2x3x1.5	20.1	22.0	426
3x3x0.75	18.5	20.5	384	3x3x1.5	21.3	23.5	522
4x3x0.75	20.4	22.5	467	4x3x1.5	23.5	26.0	641
5x3x0.75	22.4	24.5	553	5x3x1.5	25.9	28.5	765
7x3x0.75	24.3	27.0	678	7x3x1.5	28.4	31.0	970
10x3x0.75	31.4	34.5	969	10x3x1.5	37.1	40.5	1472
12x3x0.75	32.4	35.5	1081	12x3x1.5	38.6	42.0	1671
14x3x0.75	34.2	37.5	1220	14x3x1.5	40.5	44.0	1865
16x3x0.75	36.8	40.5	1457	16x3x1.5	42.9	46.5	2086
19x3x0.75	38.9	42.5	1657	19x3x1.5	45.4	49.5	2387
24x3x0.75	45.8	50.0	2077	24x3x1.5	53.7	58.5	3018
27x3x0.75	47.0	51.5	2263	27x3x1.5	55.1	60.0	3302
30x3x0.75	48.7	53.0	2444	30x3x1.5	57.3	62.0	3607
33x3x0.75	50.7	55.5	2651	33x3x1.5	59.5	64.5	3891
37x3x0.75	52.9	57.5	2911	37x3x1.5	62	67.0	4283
43x3x0.75	57.6	63.0	3351	43x3x1.5	67.5	73.0	4934
48x3x0.75	60.9	66.5	3693	48x3x1.5	71.6	77.5	5480
1x3x1.0	10.9	12.5	159	1x3x2.5	12.9	14.0	239
2x3x1.0	18.7	20.5	364	2x3x2.5	22.3	24.0	542
3x3x1.0	20.0	22.0	449	3x3x2.5	23.7	25.5	678
4x3x1.0	22.0	24.5	547	4x3x2.5	26.2	28.0	840
5x3x1.0	24.0	26.5	639	5x3x2.5	28.8	31.0	1007
7x3x1.0	26.3	29.0	804	7x3x2.5	31.6	34.0	1293
10x3x1.0	34.0	37.0	1147	10x3x2.5	41.6	44.5	1965
12x3x1.0	35.1	38.5	1285	12x3x2.5	43	46.0	2223
14x3x1.0	37.6	41.0	1547	14x3x2.5	45.4	48.5	2519
16x3x1.0	39.9	43.5	1728	16x3x2.5	48.1	51.0	2824
19x3x1.0	42.2	46.0	1971	19x3x2.5	50.9	54.0	3248
24x3x1.0	49.9	54.5	2494	24x3x2.5	60.4	64.0	4130
27x3x1.0	50.9	55.5	2695	27x3x2.5	61.7	65.5	4503
30x3x1.0	53.0	57.5	2942	30x3x2.5	64.2	68.0	4930
33x3x1.0	55.2	60.0	3193	33x3x2.5	66.9	71.0	5366
37x3x1.0	57.5	62.5	3508	37x3x2.5	69.7	74.0	5919
43x3x1.0	62.7	68.0	4041	43x3x2.5	76.1	80.5	6859
48x3x1.0	66.3	72.0	4455	48x3x2.5	80.5	85.0	7581

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CHJP85/NC CHJP86/NC (铜丝屏蔽)

对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x2x截面 No of pairs x 2 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 2xmm ²	Nom.	Max.	kg/km	No.x 2xmm ²	Nom.	Max.	kg/km
1x2x0.75	10.4	12.0	178	1x2x1.5	11.8	13.0	227
2x2x0.75	16.9	18.5	385	2x2x1.5	19	21.0	484
3x2x0.75	17.9	20.0	483	3x2x1.5	20.4	22.5	615
4x2x0.75	19.7	22.0	599	4x2x1.5	22.5	24.5	768
5x2x0.75	21.4	23.5	709	5x2x1.5	24.7	27.0	923
7x2x0.75	23.5	26.0	915	7x2x1.5	26.9	29.5	1184
10x2x0.75	30.2	33.0	1304	10x2x1.5	34.7	38.0	1688
12x2x0.75	31.2	34.0	1487	12x2x1.5	36.6	40.0	2041
14x2x0.75	33.0	36.0	1695	14x2x1.5	38.6	42.0	2320
16x2x0.75	34.8	38.0	1893	16x2x1.5	40.9	44.5	2609
19x2x0.75	37.3	41.0	2283	19x2x1.5	43.1	47.0	2993
24x2x0.75	44.1	48.0	2889	24x2x1.5	50.9	55.0	3782
27x2x0.75	45.0	49.0	3157	27x2x1.5	52.2	56.5	4168
30x2x0.75	46.8	51.0	3463	30x2x1.5	54.1	58.5	4574
33x2x0.75	48.6	53.0	3775	33x2x1.5	56.4	61.0	4961
37x2x0.75	50.7	55.0	4150	37x2x1.5	58.8	63.5	5489
43x2x0.75	55.2	60.0	4793	43x2x1.5	64	69.5	6339
48x2x0.75	58.4	63.5	5306	48x2x1.5	67.9	73.5	7051
1x2x1.0	11.2	12.5	203	1x2x2.5	12.8	14.0	271
2x2x1.0	17.9	20.0	426	2x2x2.5	21	22.5	578
3x2x1.0	19.0	21.0	547	3x2x2.5	22.5	24.5	754
4x2x1.0	21.0	23.0	671	4x2x2.5	24.8	26.5	944
5x2x1.0	23.0	25.5	806	5x2x2.5	27.1	29.0	1139
7x2x1.0	25.3	27.5	1042	7x2x2.5	29.7	32.0	1483
10x2x1.0	32.4	35.5	1486	10x2x2.5	39.2	42.0	2212
12x2x1.0	33.7	37.0	1697	12x2x2.5	40.5	43.0	2548
14x2x1.0	35.5	39.0	1933	14x2x2.5	42.7	45.5	2881
16x2x1.0	38.2	41.5	2273	16x2x2.5	45.3	48.0	3244
19x2x1.0	40.2	44.0	2603	19x2x2.5	47.9	51.0	3754
24x2x1.0	47.5	51.5	3292	24x2x2.5	56.7	60.0	4771
27x2x1.0	48.5	52.5	3601	27x2x2.5	58.1	61.5	5234
30x2x1.0	50.5	55.0	3952	30x2x2.5	60.4	64.0	5747
33x2x1.0	52.6	57.0	4307	33x2x2.5	63	67.0	6270
37x2x1.0	54.8	59.5	4762	37x2x2.5	65.6	69.5	6940
43x2x1.0	59.5	64.5	5500	43x2x2.5	71.5	75.5	8017
48x2x1.0	63.2	68.5	6091	48x2x2.5	75.6	80.0	8916

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CHJP85/NC CHJP86/NC (铜丝屏蔽)

对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight	对数x3x截面 No of pairs x 3 x cross section area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No.x 3xmm ²	Nom.	Max.	kg/km	No.x 3xmm ²	Nom.	Max.	kg/km
1x3x0.75	10.6	12.0	197	1x3x1.5	12.1	13.5	257
2x3x0.75	18.1	20.0	437	2x3x1.5	20.7	23.0	562
3x3x0.75	19.4	21.5	563	3x3x1.5	22.2	24.5	733
4x3x0.75	21.1	23.5	690	4x3x1.5	24.3	26.5	906
5x3x0.75	23.2	25.5	831	5x3x1.5	26.7	29.5	1094
7x3x0.75	25.5	28.0	1078	7x3x1.5	29.3	32.0	1427
10x3x0.75	32.9	36.0	1538	10x3x1.5	38.7	42.0	2152
12x3x0.75	34.0	37.0	1759	12x3x1.5	39.9	43.5	2457
14x3x0.75	36.4	40.0	2097	14x3x1.5	42.1	46.0	2800
16x3x0.75	38.5	42.0	2356	16x3x1.5	44.7	48.5	3153
19x3x0.75	40.6	44.5	2702	19x3x1.5	47.3	51.5	3648
24x3x0.75	48.0	52.5	3418	24x3x1.5	55.9	60.5	4609
27x3x0.75	49.2	53.5	3765	27x3x1.5	57.3	62.0	5084
30x3x0.75	51.0	55.5	4108	30x3x1.5	59.4	64.5	5555
33x3x0.75	53.1	58.0	4479	33x3x1.5	61.9	67.0	6061
37x3x0.75	55.4	60.5	4956	37x3x1.5	64.5	70.0	6710
43x3x0.75	60.3	65.5	5724	43x3x1.5	70.3	76.0	7753
48x3x0.75	63.8	69.5	6339	48x3x1.5	74.5	80.5	8622
1x3x1.0	11.5	13.0	227	1x3x2.5	13.2	14.5	315
2x3x1.0	19.5	21.5	498	2x3x2.5	23	25.0	696
3x3x1.0	20.7	23.0	635	3x3x2.5	24.4	26.5	904
4x3x1.0	22.8	25.0	793	4x3x2.5	27	29.0	1140
5x3x1.0	25.1	27.5	956	5x3x2.5	29.7	32.0	1381
7x3x1.0	27.5	30.0	1240	7x3x2.5	32.8	35.0	1827
10x3x1.0	35.5	39.0	1768	10x3x2.5	42.9	45.5	2711
12x3x1.0	37.2	40.5	2118	12x3x2.5	44.6	47.5	3134
14x3x1.0	39.3	43.0	2411	14x3x2.5	47	50.0	3575
16x3x1.0	41.6	45.5	2710	16x3x2.5	49.8	53.0	4028
19x3x1.0	44.0	48.0	3132	19x3x2.5	52.7	56.0	4671
24x3x1.0	52.0	56.5	3958	24x3x2.5	62.6	66.5	5929
27x3x1.0	53.1	58.0	4336	27x3x2.5	63.9	67.5	6517
30x3x1.0	55.3	60.0	4762	30x3x2.5	66.5	70.5	7165
33x3x1.0	57.6	62.5	5192	33x3x2.5	69.3	73.5	7820
37x3x1.0	60.0	65.0	5744	37x3x2.5	72.2	76.5	8665
43x3x1.0	65.4	71.0	6636	43x3x2.5	78.9	83.5	10050
48x3x1.0	69.2	75.0	7349	48x3x2.5	83.4	88.0	11136

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CKJPJ/SC系列，CKJPF/SC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 **Example:**

CKJPJ85/SC
19X2.5



型号: **CKJPJ/SC**
Type: **CKJPJ80/SC**
CKJPJ90/SC
CKJPJ85/SC
CKJPJ95/SC
CKJPF/SC
CKJPF80/SC
CKJPF90/SC
CKJPF86/SC
CKJPF96/SC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC 60754	— 无卤	Halogen Free
IEC 61034	— 低烟	Low Smoke
IEC60092-350	— 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKJPJ/SC, CKJPF/SC

(CKJV/SA系列参照使用)

芯数x截面 No. of cores x sectional area	CKJPJ/SC, CKJPF/SC			CKJPJ80/SC, CKJPF80/SC CKJPJ90/SC, CKJPF90/SC				CKJPJ85/SC, CKJPF86/SC CKJPJ95/SC, CKJPF96/SC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		Approx. weight	
	No. x mm²	标称 Nom.	最大 Max.	kg/km	标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km
2 x 0.75	7.0	8.0	54	8.0	9.2	97	92	10.0	11.5	135	130
3 x 0.75	7.4	8.4	67	8.4	9.6	112	107	10.4	12.0	153	148
4 x 0.75	8.0	9.4	81	9.0	10.5	130	125	11.1	13.0	174	169
5 x 0.75	8.9	10.5	100	9.9	11.5	155	149	12.0	13.5	203	197
7 x 0.75	9.6	11.0	126	10.6	12.0	186	179	12.5	14.0	231	225
10 x 0.75	12.2	14.0	179	13.7	15.5	291	279	15.8	17.5	353	340
12 x 0.75	12.6	14.5	203	14.1	16.0	320	307	16.2	18.0	384	370
14 x 0.75	13.2	15.0	229	14.7	16.5	352	338	16.8	18.5	418	404
16 x 0.75	14.1	16.0	262	15.6	17.5	394	379	17.8	20.0	465	450
19 x 0.75	14.8	16.5	300	16.3	18.5	439	424	18.5	20.5	513	498
24 x 0.75	17.4	19.5	379	18.9	21.0	543	525	21.2	23.5	633	615
27 x 0.75	17.8	20.0	415	19.3	21.5	584	566	21.7	24.0	675	657
30 x 0.75	18.4	20.5	452	19.9	22.0	628	609	22.3	24.5	722	703
33 x 0.75	19.3	21.5	499	20.8	23.0	685	665	23.2	26.0	783	763
37 x 0.75	20.0	22.5	548	21.5	24.0	742	721	24.0	26.5	844	824
2 x 1	7.6	8.6	66	8.6	9.8	115	109	10.6	12.0	165	159
3 x 1	8.0	9.2	83	9.0	10.5	135	129	11.1	12.5	186	180
4 x 1	8.9	10.5	106	9.9	11.5	164	157	12.0	13.5	218	211
5 x 1	9.7	11.0	125	10.7	12.0	218	207	12.7	14.5	276	265
7 x 1	10.5	12.0	158	12.0	13.5	259	247	14.0	15.5	321	309
10 x 1	13.4	15.5	224	14.9	17.0	352	337	17.1	19.0	434	420
12 x 1	14.0	16.0	262	15.5	17.5	396	381	17.7	19.5	479	464
14 x 1	14.7	16.5	296	16.2	18.0	438	422	18.4	20.5	524	508
16 x 1	15.5	17.5	330	17.0	19.0	480	463	19.2	21.5	569	553
19 x 1	16.3	18.5	386	17.8	20.0	547	529	20.0	22.5	649	631
24 x 1	19.4	21.5	487	20.9	23.0	676	656	23.3	25.5	790	769
27 x 1	19.8	22.0	534	21.3	23.5	729	708	23.7	26.0	842	821
30 x 1	20.5	23.0	582	22.0	24.5	785	763	24.6	27.0	913	892
33 x 1	21.3	24.0	632	22.8	25.5	844	821	25.4	28.5	975	953
37 x 1	22.3	25.0	706	23.8	26.5	930	906	26.4	29.0	1063	1040
2 x 1.5	8.2	9.6	84	9.2	10.5	138	132	11.2	13.0	189	183
3 x 1.5	8.9	10.0	107	9.9	11.5	165	158	12.0	13.5	219	213
4 x 1.5	9.7	11.0	131	10.7	12.0	224	213	12.7	14.0	283	272
5 x 1.5	10.5	12.0	156	12.0	13.5	257	245	14.0	15.5	318	307
7 x 1.5	11.6	13.0	206	13.1	14.5	318	305	15.1	17.0	382	369
10 x 1.5	14.8	16.5	292	16.3	18.0	434	418	18.5	20.5	520	504
12 x 1.5	15.3	17.0	334	16.8	18.5	482	466	19.0	21.0	569	553
14 x 1.5	16.0	18.0	378	17.5	20.0	534	517	19.7	22.0	634	617
16 x 1.5	17.1	19.0	432	18.6	20.5	600	582	21.0	23.0	702	683
19 x 1.5	18.0	20.0	497	19.5	21.5	675	656	21.9	24.0	780	761
24 x 1.5	21.2	24.0	628	22.7	25.5	839	817	25.3	28.0	970	948
27 x 1.5	21.7	24.5	701	23.2	26.0	921	898	25.8	28.5	1052	1029
30 x 1.5	22.6	25.0	765	24.1	26.5	994	970	26.7	29.5	1128	1105
33 x 1.5	23.5	26.0	832	25.0	27.5	1072	1047	27.6	30.5	1208	1183
37 x 1.5	24.4	27.0	929	25.9	29.0	1182	1157	28.5	31.5	1333	1308
2 x 2.5	9.4	10.5	113	10.4	11.5	174	167	12.4	13.5	228	221
3 x 2.5	10.0	11.0	148	11.0	12.0	244	233	13.0	14.5	301	290
4 x 2.5	10.9	13.0	190	12.4	13.5	297	285	14.4	16.0	359	347
5 x 2.5	12.1	13.5	227	13.6	15.0	344	331	15.6	17.0	416	403
7 x 2.5	13.1	14.5	296	14.6	16.0	425	411	16.8	18.5	498	484
10 x 2.5	17.0	18.5	427	18.5	20.0	594	576	20.9	22.5	694	676
12 x 2.5	17.6	19.0	494	19.1	20.5	669	650	21.5	23.0	768	749
14 x 2.5	18.4	20.0	562	19.9	21.5	747	727	22.3	24.0	848	828
16 x 2.5	19.7	21.5	641	21.2	23.0	840	820	23.6	25.5	946	925
19 x 2.5	20.7	22.5	742	22.2	24.0	954	933	24.8	26.5	1072	1050
24 x 2.5	24.4	26.5	948	25.9	28.0	1202	1177	28.5	30.5	1349	1323
27 x 2.5	25.1	27.0	1045	26.6	28.5	1308	1282	29.4	31.5	1453	1427
30 x 2.5	26.0	28.0	1146	27.5	29.5	1421	1394	30.3	32.5	1568	1541
33 x 2.5	27.1	29.0	1261	28.6	30.5	1553	1524	31.4	33.5	1704	1675
37 x 2.5	28.3	30.5	1394	29.8	32.0	1700	1671	32.6	35.0	1867	1837

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CKJPJP/SC系列, CKJPFP/SC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKJPFP86/SC
19X2.5



型号: CKJPJP/SC
Type: CKJPJP80/SC
CKJPJP90/SC
CKJPJP85/SC
CKJPJP95/SC
CKJPFP/SC
CKJPFP80/SC
CKJPFP90/SC
CKJPFP86/SC
CKJPFP96/SC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	- 设计	Design
IEC 60228 Class2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke
IEC60092-350	- 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
屏蔽 screen	P	镀锡铜丝编织 Tinned copper wire braided
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKJPP/SC, CKJPP/SC

(CKJVP/SA系列参照使用)

芯数x截面 No. of cores x sectional area	CKJPP/SC, CKJPP/SC			CKJPP80/SC, CKJPP80/SC CKJPP90/SC, CKJPP90/SC				CKJPP85/SC, CKJPP86/SC CKJPP95/SC, CKJPP96/SC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
	No. x mm ²		kg/km								
2 x 0.75	9.2	10.0	93	10.3	11.0	149	143	12.3	13.0	195	189
3 x 0.75	9.7	10.5	119	10.8	11.5	179	173	12.8	13.5	226	219
4 x 0.75	10.5	11.5	146	12.1	13.0	243	232	14.2	15.0	296	285
5 x 0.75	11.6	12.5	179	13.2	14.5	286	274	15.4	16.5	345	333
7 x 0.75	12.6	14.0	230	14.2	15.5	348	335	16.4	17.5	411	398
10 x 0.75	16.0	17.5	325	17.6	19.0	475	459	20.0	21.5	558	541
12 x 0.75	16.5	18.0	373	18.1	20.0	530	513	20.5	22.0	613	596
14 x 0.75	17.5	19.0	431	19.1	20.5	599	581	21.5	23.0	687	669
16 x 0.75	18.4	20.0	482	20.0	21.5	660	641	22.5	24.0	753	734
19 x 0.75	19.6	21.5	564	21.2	23.0	755	735	23.8	25.5	855	835
24 x 0.75	23.0	25.0	711	24.6	26.5	937	914	27.3	29.5	1059	1035
27 x 0.75	23.5	25.5	782	25.1	27.0	1016	992	27.8	30.0	1138	1114
30 x 0.75	24.3	26.5	855	25.9	28.5	1099	1074	28.7	31.0	1225	1200
33 x 0.75	25.4	27.5	940	27.0	29.0	1197	1171	29.8	32.0	1330	1304
37 x 0.75	26.4	28.5	1037	28.0	30.5	1307	1280	30.9	33.0	1445	1418
2 x 1	9.8	10.5	107	10.9	11.5	167	160	12.9	13.5	215	208
3 x 1	10.4	11.0	138	12.0	12.5	234	223	14.1	15.0	287	276
4 x 1	11.5	12.0	175	13.1	13.5	281	269	15.2	16.0	340	328
5 x 1	12.5	13.5	209	14.1	15.0	325	312	16.3	17.0	389	375
7 x 1	13.5	14.5	269	15.1	16.0	396	382	17.3	18.0	464	450
10 x 1	17.4	18.5	390	19.0	20.0	555	537	21.4	22.5	644	626
12 x 1	18.0	19.0	448	19.6	20.5	621	602	22.1	23.0	713	694
14 x 1	18.8	20.0	508	20.4	21.5	690	671	22.9	24.0	785	766
16 x 1	20.1	21.5	579	21.7	23.0	775	754	24.3	25.5	878	857
19 x 1	21.1	22.5	668	22.7	24.0	877	855	25.3	26.5	983	961
24 x 1	25.0	26.5	853	26.6	28.0	1102	1077	29.4	30.5	1236	1211
27 x 1	25.5	27.0	938	27.1	28.5	1196	1170	29.9	31.5	1330	1304
30 x 1	26.4	28.0	1027	28.0	29.5	1296	1269	30.9	32.5	1435	1408
33 x 1	27.7	29.0	1130	29.3	30.5	1415	1387	32.3	33.5	1562	1534
37 x 1	28.7	30.5	1247	30.3	32.0	1546	1517	33.3	35.0	1697	1668
2 x 1.5	10.4	11.0	123	12.0	12.5	218	207	14.1	15.0	272	262
3 x 1.5	11.0	12.0	160	12.6	13.5	262	250	14.7	15.5	318	306
4 x 1.5	12.2	13.0	206	13.8	14.5	320	307	16.0	17.0	381	368
5 x 1.5	13.3	14.0	246	14.9	16.0	371	357	17.1	18.0	437	424
7 x 1.5	14.6	15.5	327	16.2	17.0	466	451	18.5	19.5	538	523
10 x 1.5	18.6	20.0	462	20.2	21.5	640	621	22.7	24.0	737	718
12 x 1.5	19.2	20.5	533	20.8	22.0	720	700	23.3	24.5	817	797
14 x 1.5	20.4	21.5	617	22.0	23.0	817	797	24.6	26.0	921	900
16 x 1.5	21.5	23.0	692	23.1	24.5	905	883	25.7	27.0	1014	992
19 x 1.5	22.8	24.0	811	24.4	25.5	1041	1017	27.1	28.5	1156	1132
24 x 1.5	26.8	28.5	1022	28.4	30.0	1294	1267	31.3	33.0	1437	1410
27 x 1.5	27.4	29.0	1127	29.0	30.5	1410	1382	31.9	33.5	1553	1525
30 x 1.5	28.6	30.5	1249	30.2	32.0	1547	1518	33.2	35.0	1697	1668
33 x 1.5	29.7	31.5	1359	31.3	33.0	1672	1641	34.4	36.0	1828	1798
37 x 1.5	31.0	33.0	1516	33.1	35.0	1934	1892	36.2	38.0	2102	2060
2 x 2.5	11.2	13.0	155	12.8	14.0	258	246	14.9	16.0	315	303
3 x 2.5	12.1	13.0	211	13.7	14.5	324	311	15.9	17.0	385	372
4 x 2.5	13.2	14.5	265	14.8	16.0	390	376	17.0	18.0	455	441
5 x 2.5	14.5	16.0	325	16.1	17.5	463	448	18.4	19.5	535	520
7 x 2.5	15.8	17.0	427	17.4	18.5	581	564	19.8	21.0	657	641
10 x 2.5	20.4	22.0	615	22.0	23.5	815	794	24.6	26.5	919	898
12 x 2.5	21.1	23.0	714	22.7	24.5	925	903	25.3	27.0	1029	1007
14 x 2.5	22.3	24.0	825	23.9	25.5	1051	1028	26.6	28.5	1161	1138
16 x 2.5	23.5	25.5	928	25.1	27.0	1169	1145	27.8	30.0	1284	1260
19 x 2.5	25.0	27.0	1089	26.6	28.5	1350	1325	29.4	31.5	1472	1446
24 x 2.5	29.4	31.5	1373	31.0	33.5	1684	1654	34.0	36.5	1836	1806
27 x 2.5	30.0	32.5	1517	31.6	34.0	1840	1809	34.7	37.5	1992	1961
30 x 2.5	31.3	34.0	1681	33.4	36.0	2111	2068	36.6	39.0	2274	2231
33 x 2.5	32.5	35.5	1832	34.6	37.5	2282	2238	37.8	40.5	2451	2407
37 x 2.5	34.0	36.5	2045	36.1	39.0	2522	2476	39.4	42.0	2699	2653

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CKJ85/SC，CKJ86/SC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKJ85/SC
19X2.5



型号: CKJ85/SC
Type: CKJ86/SC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC 60754	— 无卤	Halogen Free
IEC 61034	— 低烟	Low Smoke
IEC60092-350	— 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜（或镀锡铜），IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKJ85/SC, CKJ86/SC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2x0.75	8.3	9.4	93	2x1.5	9.4	10.5	133
3x0.75	8.7	9.8	109	3x1.5	9.9	11.5	159
4x 0.75	9.4	11.0	128	4x1.5	10.7	12.0	193
5x0.75	10.1	11.5	148	5x1.5	11.7	13.0	223
7x0.75	10.9	12.5	180	7x1.5	12.6	14.0	274
10x0.75	13.5	15.0	248	10x1.5	16.3	18.0	426
12x0.75	14.4	16.0	310	12x1.5	17.0	19.0	473
14x0.75	15.1	17.0	343	14x1.5	17.7	20.0	524
16x0.75	15.8	18.0	377	16x1.5	18.6	20.5	578
19x0.75	16.6	18.5	423	19x1.5	19.7	22.0	661
24x0.75	19.2	21.5	524	24x1.5	22.9	25.5	821
27x0.75	19.6	22.0	565	27x1.5	23.4	26.0	888
30x0.75	20.3	22.5	610	30x1.5	24.1	26.5	959
33x0.75	21.0	23.5	656	33x1.5	25.2	28.0	1046
37x0.75	21.8	24.5	715	37x1.5	26.1	29.0	1140
2x1	8.8	10.0	116	2x2.5	10.4	11.5	167
3x1	9.2	10.5	135	3x2.5	11.2	12.5	210
4x1	9.9	11.5	158	4x2.5	12.1	13.5	252
5x1	10.7	12.0	187	5x2.5	13.1	14.5	296
7x1	11.7	13.0	226	7x2.5	14.8	16.0	413
10x1	15.1	17.0	347	10x2.5	18.5	20.0	569
12x1	15.5	17.5	381	12x2.5	19.3	21.0	650
14x1	16.2	18.0	429	14x2.5	20.1	22.0	725
16x1	17.2	19.0	472	16x2.5	21.2	23.0	805
19x1	18.0	20.0	527	19x2.5	22.4	24.0	926
24x1	20.9	23.0	654	24x2.5	26.1	28.0	1153
27x1	21.3	23.5	703	27x2.5	26.6	28.5	1255
30x1	22.2	24.5	769	30x2.5	27.7	29.5	1377
33x1	23.0	25.5	827	33x2.5	28.8	31.0	1489
37x1	23.8	26.5	897	37x2.5	29.8	32.0	1646

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CKJP85/SC系列，CKJP86/SC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKJP86/SC
19X2.5



型号: CKJP85/SC
Type: CKJP86/SC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

- | | | |
|------------------|------|-----------------|
| IEC 60092-376 | - 设计 | Design |
| IEC 60228 Class2 | - 导体 | Conductor |
| IEC 60092-360 | - 绝缘 | Insulation |
| IEC 60092-360 | - 护套 | Sheath |
| IEC 60332-3-22 | - 阻燃 | Flame Retardant |
| IEC 60754 | - 无卤 | Halogen Free |
| IEC 61034 | - 低烟 | Low Smoke |
| IEC60092-350 | - 结构 | Structure |

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜（或镀锡铜），IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	交联聚乙烯 XLPE, IEC 60092-360
屏蔽 screen	P	镀锡铜丝编织 Tinned copper wire braided
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKJP85/SC, CKJP86/SC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2x0.75	10.1	11.5	137	2x1.5	11.4	12.5	176
3x0.75	10.6	12.0	166	3x1.5	12.1	13.0	218
4x0.75	11.5	13.0	199	4x1.5	13.1	14.5	266
5x0.75	12.5	14.0	234	5x1.5	14.9	16.0	351
7x0.75	13.6	15.0	293	7x1.5	16.0	17.5	437
10x0.75	17.6	19.5	452	10x1.5	20.2	21.5	610
12x0.75	18.1	20.0	505	12x1.5	20.8	22.5	688
14x0.75	19.0	21.0	565	14x1.5	21.9	23.5	775
16x0.75	19.9	22.0	626	16x1.5	23.1	25.0	864
19x0.75	21.0	23.0	712	19x1.5	24.3	26.0	987
24x0.75	24.5	27.0	890	24x1.5	28.4	30.5	1237
27x0.75	25.0	27.5	966	27x1.5	29.0	31.0	1350
30x0.75	25.9	28.5	1050	30x1.5	30.1	32.0	1472
33x0.75	26.8	29.5	1135	33x1.5	31.3	33.5	1598
37x0.75	27.9	30.5	1246	37x1.5	32.5	34.5	1757
2x1	10.8	12.0	155	2x2.5	12.3	13.5	214
3x1	11.4	12.5	190	3x 2.5	13.0	14.5	270
4x1	12.4	13.5	230	4x2.5	14.8	16.0	369
5x1	13.5	14.5	272	5x2.5	15.9	17.5	435
7x1	15.1	16.5	377	7x2.5	17.3	19.0	551
10x1	18.9	20.5	523	10x2.5	21.9	24.0	774
12x1	19.5	21.0	588	12x2.5	22.6	24.5	880
14x1	20.4	22.0	658	14x2.5	23.7	26.0	994
16x1	21.6	23.0	734	16x2.5	25.0	27.5	1112
19x1	22.6	24.5	834	19x2.5	26.4	29.0	1279
24x1	26.4	28.5	1043	24x2.5	31.0	33.5	1608
27x1	27.0	29.0	1135	27x2.5	31.6	34.5	1760
30x1	27.9	30.0	1235	30x2.5	32.8	35.5	1926
33x1	29.1	31.0	1341	33x2.5	34.1	37.0	2094
37x1	30.2	32.5	1472	37x2.5	35.5	38.5	2312

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CKJPJ/NC系列，CKJPF/NC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 **Example:**

CKJPJ85/NC
19X2.5



型号: **CKJPJ/NC**
Type: **CKJPJ80/NC**
CKJPJ90/NC
CKJPJ85/NC
CKJPJ95/NC
CKJPF/NC
CKJPF80/NC
CKJPF90/NC
CKJPF86/NC
CKJPF96/NC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke
IEC60092-350	– 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CKJPJ/NC, CKJPF/NC

(CKJV/NA系列参照使用)

芯数x截面 No. of cores x sectional area	CKJPJ/NC, CKJPF/NC			CKJPJ80/NC, CKJPF80/NC CKJPJ90/NC, CKJPF90/NC				CKJPJ85/NC, CKJPF86/NC CKJPJ95/NC, CKJPF96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
	No. x mm ²		kg/km								
2 x 0.75	8.3	9.6	66	9.3	10.5	116	110	11.2	12.5	157	151
3 x 0.75	9.0	10.0	86	10.0	11.5	141	135	11.9	13.0	184	178
4 x 0.75	9.8	11.0	104	10.8	12.0	164	157	12.7	14.0	212	205
5 x 0.75	10.6	12.0	123	12.1	13.5	220	208	14.1	15.5	273	262
7 x 0.75	11.7	13.0	160	13.2	14.5	267	255	15.3	17.0	327	315
10 x 0.75	14.9	16.5	227	16.4	18.0	364	348	18.6	20.5	442	426
12 x 0.75	15.4	17.0	257	16.9	18.5	399	383	19.1	21.0	480	464
14 x 0.75	16.1	18.0	289	17.6	20.0	438	422	19.9	22.0	523	506
16 x 0.75	17.2	19.0	330	18.7	20.5	490	473	21.0	23.0	581	563
19 x 0.75	18.1	20.0	378	19.6	21.5	548	529	22.0	24.0	643	624
24 x 0.75	21.3	24.0	477	22.8	25.5	678	656	25.3	28.0	795	773
27 x 0.75	21.8	24.5	522	23.3	26.0	729	707	25.9	28.5	848	826
30 x 0.75	22.7	25.0	578	24.2	26.5	795	772	26.8	29.5	920	896
33 x 0.75	23.6	26.0	626	25.1	27.5	853	829	27.8	30.5	983	959
37 x 0.75	24.5	27.0	688	26.0	29.0	925	900	28.7	31.5	1061	1035
2 x 1	9.1	10.5	83	10.1	11.5	140	133	12.0	13.5	196	189
3 x 1	9.6	11.0	103	10.6	12.0	164	157	12.5	14.0	221	214
4 x 1	10.5	12.0	126	12.0	13.5	224	213	14.0	15.5	287	276
5 x 1	11.5	13.0	154	13.0	14.5	263	250	15.0	17.0	329	316
7 x 1	12.5	14.0	195	14.0	16.0	314	300	16.2	18.0	392	379
10 x 1	16.0	18.0	276	17.5	20.0	427	410	19.7	22.0	531	514
12 x 1	16.7	18.5	321	18.2	20.5	480	462	20.6	23.0	585	567
14 x 1	17.6	19.5	362	19.1	21.0	530	512	21.5	24.0	639	620
16 x 1	18.5	20.5	403	20.0	22.5	581	561	22.4	25.0	696	676
19 x 1	19.7	22.0	472	21.2	23.5	663	642	23.6	26.0	779	758
24 x 1	23.2	25.5	595	24.7	27.5	820	796	27.3	30.0	965	941
27 x 1	23.7	26.5	650	25.2	28.0	882	857	27.8	30.5	1028	1003
30 x 1	24.8	27.5	721	26.3	29.0	965	940	29.1	32.0	1130	1104
33 x 1	25.7	28.5	780	27.2	30.0	1035	1008	30.0	33.0	1203	1177
37 x 1	26.7	29.5	858	28.2	31.5	1125	1097	31.0	34.0	1295	1268
2 x 1.5	9.7	11.0	98	10.7	12.0	159	152	12.6	14.0	216	209
3 x 1.5	10.3	11.5	124	11.8	13.0	221	209	13.8	15.0	282	270
4 x 1.5	11.4	13.0	158	12.9	14.5	265	253	14.9	16.5	331	319
5 x 1.5	12.3	14.0	187	13.8	15.5	304	291	15.8	17.5	380	367
7 x 1.5	13.4	15.5	240	14.9	17.0	368	354	17.1	19.0	449	435
10 x 1.5	17.4	19.5	348	18.9	21.0	514	496	21.3	23.5	622	604
12 x 1.5	18.0	20.0	397	19.5	21.5	570	551	21.9	24.0	680	661
14 x 1.5	18.9	21.0	450	20.4	23.0	633	613	22.8	25.5	745	725
16 x 1.5	20.1	22.5	512	21.6	24.0	708	687	24.0	26.5	836	815
19 x 1.5	21.2	23.5	589	22.7	25.0	798	776	25.3	28.0	931	909
24 x 1.5	25.2	28.0	754	26.7	29.5	1003	977	29.5	32.5	1167	1140
27 x 1.5	25.7	28.5	827	27.2	30.0	1084	1057	30.0	33.0	1250	1223
30 x 1.5	26.7	29.5	903	28.2	31.0	1172	1144	31.0	34.0	1341	1313
33 x 1.5	27.9	31.0	993	29.4	32.5	1276	1247	32.2	35.5	1447	1418
37 x 1.5	29.0	32.0	1094	30.5	33.5	1391	1361	33.5	36.5	1582	1553
2 x 2.5	10.7	12.0	128	12.2	13.5	228	217	14.2	15.5	291	279
3 x 2.5	11.6	12.5	172	13.1	14.5	282	269	15.2	16.5	347	334
4 x 2.5	12.6	14.0	213	14.1	15.5	333	319	16.2	17.5	408	394
5 x 2.5	13.9	15.5	262	15.4	17.0	395	381	17.6	19.0	476	461
7 x 2.5	15.1	16.5	340	16.6	18.0	487	471	18.8	20.5	571	555
10 x 2.5	19.6	21.5	490	21.1	23.0	681	660	23.5	25.5	791	771
12 x 2.5	20.3	22.0	565	21.8	23.5	765	744	24.2	26.0	888	867
14 x 2.5	21.3	23.0	642	22.8	24.5	854	832	25.4	27.5	979	957
16 x 2.5	22.7	24.5	731	24.2	26.0	959	935	26.8	29.0	1089	1065
19 x 2.5	23.9	26.0	845	25.4	27.5	1088	1064	28.0	30.0	1221	1196
24 x 2.5	28.4	30.5	1078	29.9	32.0	1369	1340	32.7	35.0	1551	1522
27 x 2.5	29.0	31.0	1188	30.5	33.0	1490	1460	33.5	36.0	1669	1639
30 x 2.5	30.3	32.5	1316	32.3	34.5	1721	1679	35.3	38.0	1908	1866
33 x 2.5	31.5	34.0	1431	33.5	36.0	1855	1811	36.5	39.0	2063	2020
37 x 2.5	32.9	35.5	1596	34.9	37.5	2043	1998	38.1	41.0	2254	2209

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CKJPJP/NC系列, CKJPFP/NC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKJPFP86/NC
19X2.5



型号: CKJPJP/NC
Type: CKJPJP80/NC
CKJPJP90/NC
CKJPJP85/NC
CKJPJP95/NC
CKJPFP/NC
CKJPFP80/NC
CKJPFP90/NC
CKJPFP86/NC
CKJPFP96/NC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等上建筑的电力照明和一般控制装置之用。对冶金、化、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	- 设计	Design
IEC 60228 Class2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60331	- 耐火	Fire Resistant
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke
IEC60092-350	- 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
屏蔽 screen	P	镀锡铜丝编织 Tinned copper wire braided
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CKJPP/NC, CKJPP/NC
(CKJVP/NA系列参照使用)

芯数x截面 No. of cores x sectional area	CKJPP/NC, CKJPP/NC			CKJPP80/NC, CKJPP80/NC CKJPP90/NC, CKJPP90/NC				CKJPP85/NC, CKJPP86/NC CKJPP95/NC, CKJPP96/NC			
	外径 Over diam. mm		约重 Approx. weight	外径 Over diam. mm		约重 Approx. weight		外径 Over diam. mm		约重 Approx. weight	
	标称 Nom.	最大 Max.		标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
	No. x mm ²		kg/km								
2 x 0.75	10.1	11.5	111	11.6	13.0	203	192	13.6	15.0	254	244
3 x 0.75	10.7	12.0	143	12.2	13.5	241	230	14.2	15.5	296	285
4 x 0.75	11.9	13.0	184	13.4	15.0	294	282	15.5	17.0	354	342
5 x 0.75	13.0	14.5	221	14.5	16.0	342	328	16.6	18.0	406	393
7 x 0.75	14.3	16.0	293	15.8	17.5	428	413	18.0	19.5	498	483
10 x 0.75	18.3	20.0	415	19.8	22.0	588	570	22.2	24.5	684	665
12 x 0.75	18.9	21.0	478	20.4	22.5	659	640	22.8	25.0	756	737
14 x 0.75	20.1	22.0	554	21.6	23.5	749	728	24.1	26.0	851	831
16 x 0.75	21.2	23.0	621	22.7	25.0	828	806	25.2	27.5	937	915
19 x 0.75	22.5	24.5	728	24.0	26.5	951	928	26.6	29.0	1066	1043
24 x 0.75	26.5	29.0	918	28.0	30.5	1183	1156	30.8	33.5	1326	1299
27 x 0.75	27.1	30.0	1011	28.6	31.5	1285	1258	31.4	34.5	1430	1403
30 x 0.75	28.3	31.0	1121	29.8	32.5	1410	1382	32.7	35.5	1562	1533
33 x 0.75	29.4	32.5	1219	30.9	34.0	1522	1492	33.8	37.0	1681	1651
37 x 0.75	30.7	33.5	1360	32.7	35.5	1767	1725	35.7	39.0	1939	1897
2 x 1	10.7	12.0	125	12.2	13.5	223	211	14.2	15.5	277	266
3 x 1	11.6	12.5	169	13.1	14.5	276	264	15.2	16.5	334	322
4 x 1	12.6	14.0	210	14.1	15.5	327	314	16.2	17.5	390	376
5 x 1	14.0	15.0	258	15.5	17.0	389	374	17.7	19.0	459	445
7 x 1	15.2	16.5	336	16.7	18.0	480	465	18.9	20.5	555	539
10 x 1	19.7	21.0	485	21.2	23.0	673	653	23.7	25.5	777	757
12 x 1	20.4	22.0	560	21.9	23.5	758	737	24.4	26.0	863	842
14 x 1	21.4	23.0	637	22.9	24.5	847	825	25.4	27.5	956	934
16 x 1	22.8	24.5	726	24.3	26.0	951	928	26.9	29.0	1069	1046
19 x 1	24.0	25.5	840	25.5	27.5	1081	1056	28.2	30.0	1204	1179
24 x 1	28.5	30.5	1072	30.0	32.0	1361	1332	32.9	35.0	1518	1489
27 x 1	29.1	31.0	1182	30.6	32.5	1481	1451	33.5	35.5	1638	1608
30 x 1	30.4	32.5	1309	32.4	34.5	1710	1669	35.4	37.5	1881	1840
33 x 1	31.6	33.5	1425	33.6	36.0	1845	1802	36.7	39.0	2023	1980
37 x 1	33.0	35.0	1590	35.0	37.5	2034	1989	38.1	40.5	2219	2174
2 x 1.5	11.5	12.5	147	13.0	14.0	252	240	15.0	16.5	310	298
3 x 1.5	12.2	13.5	192	13.7	15.0	305	292	15.8	17.0	367	354
4 x 1.5	13.3	14.5	241	14.8	16.0	365	351	16.9	18.5	431	417
5 x 1.5	14.8	16.0	297	16.3	17.5	436	421	18.5	20.0	510	495
7 x 1.5	16.1	17.5	388	17.6	19.0	542	526	19.9	21.5	622	605
10 x 1.5	20.9	22.5	561	22.4	24.0	763	741	24.9	26.5	872	851
12 x 1.5	21.6	23.0	649	23.1	25.0	861	839	25.7	27.5	972	950
14 x 1.5	22.9	24.5	751	24.4	26.0	978	955	27.0	29.0	1095	1072
16 x 1.5	24.2	26.0	844	25.7	27.5	1087	1062	28.4	30.5	1211	1187
19 x 1.5	25.7	27.5	990	27.2	29.0	1252	1226	30.0	32.0	1384	1358
24 x 1.5	30.5	34.0	1262	32.5	34.5	1662	1621	35.5	38.0	1836	1795
27 x 1.5	31.2	33.5	1393	33.2	35.0	1807	1765	36.3	38.5	1982	1940
30 x 1.5	32.3	34.5	1527	34.3	36.5	1960	1916	37.4	40.0	2141	2097
33 x 1.5	33.8	36.0	1679	35.8	38.0	2136	2090	39.0	41.5	2326	2280
37 x 1.5	35.1	37.5	1857	37.1	39.5	2336	2289	40.4	43.0	2534	2486
2 x 2.5	12.3	13.5	179	13.8	15.0	292	279	15.9	17.5	354	342
3 x 2.5	13.1	14.5	239	14.6	16.0	362	348	16.7	18.5	426	412
4 x 2.5	14.5	16.0	308	16.0	17.5	445	430	18.2	20.0	516	501
5 x 2.5	15.9	17.5	372	17.4	19.0	524	507	19.7	21.5	602	586
7 x 2.5	17.5	19.0	499	19.0	21.0	670	652	21.3	23.5	754	736
10 x 2.5	22.7	25.0	719	24.2	26.5	943	920	26.8	29.0	1061	1037
12 x 2.5	23.5	25.5	835	25.0	27.0	1071	1047	27.6	30.0	1190	1166
14 x 2.5	24.9	27.0	966	26.4	28.5	1220	1195	29.1	31.5	1346	1320
16 x 2.5	26.3	28.5	1088	27.8	30.0	1360	1333	30.6	33.0	1493	1466
19 x 2.5	27.9	30.5	1277	29.4	32.0	1571	1543	32.3	35.0	1711	1683
24 x 2.5	33.1	36.0	1625	35.1	38.0	2071	2026	38.3	41.5	2257	2212
27 x 2.5	33.8	36.5	1796	35.8	39.0	2258	2212	39.0	42.0	2443	2397
30 x 2.5	35.1	38.0	1973	37.1	40.5	2458	2411	40.4	44.0	2651	2603
33 x 2.5	36.7	39.5	2168	38.7	42.0	2680	2630	42.0	45.5	2882	2832
37 x 2.5	38.3	41.5	2419	40.3	43.5	2961	2909	43.7	47.0	3171	3119

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CKJ85/NC, CKJ86/NC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKJ85/NC
19X2.5



型号: CKJ85/NC
Type: CKJ86/NC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC 60754	— 无卤	Halogen Free
IEC 61034	— 低烟	Low Smoke
IEC60092-350	— 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape + XLPE, IEC 60092-360
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CKJ85/NC, CKJ86/NC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2x0.75	9.6	11.0	114	2x1.5	10.8	12.5	152
3x0.75	10.1	11.5	134	3x1.5	11.6	13.0	187
4x0.75	11.0	12.5	159	4x1.5	12.5	14.0	222
5x0.75	11.8	13.5	183	5x1.5	13.5	15.0	257
7x0.75	12.8	14.5	224	7x1.5	15.3	17.0	359
10x0.75	16.6	18.5	351	10x1.5	19.1	21.0	493
12x0.75	17.1	19.0	387	12x1.5	19.9	22.0	558
14x0.75	17.9	20.0	427	14x1.5	20.8	23.0	618
16x0.75	18.9	21.0	472	16x1.5	21.8	24.0	681
19x0.75	19.8	22.0	530	19x1.5	23.1	25.5	778
24x0.75	23.1	25.5	659	24x1.5	26.9	29.5	967
27x0.75	23.6	26.0	710	27x1.5	27.6	30.5	1059
30x0.75	24.4	27.0	766	30x1.5	28.6	31.5	1144
33x0.75	25.3	28.0	826	33x1.5	29.6	32.5	1231
37x0.75	26.3	29.0	900	37x1.5	30.9	34.0	1357
2x1	10.2	11.5	134	2x2.5	12.0	13.5	192
3x1	10.7	12.0	157	3x2.5	12.7	14.0	235
4x1	11.8	13.5	191	4x2.5	14.4	16.0	322
5x1	12.7	14.5	219	5x2.5	15.6	17.0	375
7x1	14.4	16.0	306	7x2.5	17.0	18.5	472
10x1	17.9	20.0	419	10x2.5	21.3	23.0	651
12x1	18.4	20.5	461	12x2.5	22.2	24.0	743
14x1	19.5	21.5	519	14x2.5	23.2	25.0	829
16x1	20.4	22.5	569	16x2.5	24.4	26.5	918
19x1	21.4	24.0	637	19x2.5	25.8	28.0	1055
24x1	25.1	27.5	803	24x2.5	30.3	32.5	1328
27x1	25.6	28.5	863	27x2.5	30.9	33.0	1443
30x1	26.5	29.0	930	30x2.5	32.0	34.5	1567
33x1	27.6	30.5	1012	33x2.5	33.4	36.0	1709
37x1	28.6	31.5	1099	37x2.5	34.6	37.0	1870

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CKJP85/NC系列, CKJP86/NC系列

150/250V

交联聚乙烯绝缘低烟无卤船用控制电缆

XLPE insulated halogen-free low-smoke shipboard control cable

图例 **Example:**

型号: CKJP85/NC

Type: CKJP86/NC

CKJP86/NC

19X2.5



用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等上建筑的电力照明和一般控制装置之用。对冶金、化、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke
IEC60092-350	– 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	J	耐火云母带+交联聚乙烯 Mica glass tape +XLPE, IEC 60092-360
单芯屏蔽 Individual screen	P	镀锡铜丝编织 Tinned copper wire braided
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
外护套 Outer sheath	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CKJP85/NC, CKJP86/NC

芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight	芯数x截面 No. of cores x sectional area	外径 Over diam. mm		约重 Approx. weight
	标称	最大			标称	最大	
No. x mm ²	Nom.	Max.	kg/km	No. x mm ²	Nom.	Max.	kg/km
2x0.75	10.8	12.0	155	2x1.5	11.9	13.0	189
3x0.75	11.4	13.0	191	3x1.5	12.6	14.0	238
4x0.75	12.3	14.0	228	4x1.5	14.3	15.5	328
5x0.75	14.0	15.5	305	5x1.5	15.7	17.0	389
7x0.75	15.2	17.0	381	7x1.5	17.0	18.5	492
10x0.75	19.1	21.0	529	10x1.5	21.7	23.5	688
12x0.75	19.8	22.0	598	12x1.5	22.4	24.0	782
14x0.75	20.8	23.0	673	14x1.5	23.6	25.5	884
16x0.75	22.0	24.0	750	16x1.5	24.9	27.0	989
19x0.75	23.1	25.5	857	19x1.5	26.3	28.0	1136
24x0.75	27.1	30.0	1071	24x1.5	30.9	33.0	1423
27x0.75	27.8	30.5	1170	27x1.5	31.6	34.0	1560
30x0.75	28.8	31.5	1276	30x1.5	32.8	35.0	1705
33x0.75	30.0	32.5	1385	33x1.5	34.2	36.5	1854
37x0.75	31.1	34.0	1523	37x1.5	36.1	38.5	2138
2x1	11.4	12.5	172	2x2.5	12.7	14.0	225
3x1	12.0	13.5	211	3x2.5	14.1	15.5	324
4x1	13.6	15.0	291	4x2.5	15.4	17.0	398
5x1	14.8	16.0	344	5x2.5	16.8	18.5	474
7x1	16.1	17.5	432	7x2.5	18.3	20.0	606
10x1	20.4	22.0	602	10x2.5	23.3	25.5	850
12x1	21.1	23.0	682	12x2.5	24.2	26.5	974
14x1	22.2	24.0	769	14x2.5	25.4	28.0	1104
16x1	23.5	25.5	858	16x2.5	26.9	29.5	1239
19x1	24.7	26.5	983	19x2.5	28.4	31.0	1429
24x1	29.0	31.0	1230	24x2.5	33.4	36.5	1793
27x1	29.6	32.0	1345	27x2.5	34.2	37.0	1971
30x1	30.8	33.0	1469	30x2.5	36.1	39.0	2254
33x1	32.1	34.5	1596	33x2.5	37.5	40.5	2450
37x1	33.3	35.5	1757	37x2.5	39.0	42.5	2702

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CKEPJ/SC系列, CKEPF/SC系列

150/250V

乙丙橡胶绝缘低烟无卤船用控制电缆

EPR insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKEPJ85/SC
19X2.5



型号: CKEPJ/SC
Type: CKEPJ80/SC
CKEPJ90/SC
CKEPJ85/SC
CKEPJ95/SC
CKEPF/SC
CKEPF80/SC
CKEPF90/SC
CKEPF86/SC
CKEPF96/SC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	— 设计	Design
IEC 60228 Class2	— 导体	Conductor
IEC 60092-360	— 绝缘	Insulation
IEC 60092-360	— 护套	Sheath
IEC 60332-3-22	— 阻燃	Flame Retardant
IEC 60754	— 无卤	Halogen Free
IEC 61034	— 低烟	Low Smoke
IEC60092-350	— 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKEPJ/SC, CKEPF/SC
(CKEF/SA, CHEV/SA系列参照使用)

芯数x截面 No. of cores x sectional area	CKEPJ/SC, CKEPF/SC			CKEPJ80/SC, CKEPF80/SC CKEPJ90/SC, CKEPF90/SC				CKEPJ85/SC, CKEPF86/SC CKEPJ95/SC, CKEPF96/SC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		Approx. weight	
	标称 Nom.	最大 Max.	kg/km	标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
No. x mm²											
2 x 0.75	7.8	8.9	66	8.9	10.0	113	108	10.8	12.0	152	146
3 x 0.75	8.2	9.4	82	9.3	10.5	133	127	11.3	12.5	173	167
4 x 0.75	9.1	10.5	104	10.2	11.5	161	154	12.2	13.5	205	198
5 x 0.75	9.8	11.5	123	10.9	12.5	184	177	12.9	14.5	231	224
7 x 0.75	10.6	12.0	155	12.2	13.5	254	242	14.3	16.0	307	296
10 x 0.75	13.4	15.0	220	15.0	16.5	344	330	17.2	19.0	412	398
12 x 0.75	13.8	16.0	250	15.4	17.5	379	365	17.7	19.5	449	435
14 x 0.75	14.7	16.5	289	16.3	18.0	427	412	18.6	20.5	502	487
16 x 0.75	15.4	17.5	322	17.0	19.0	468	452	19.3	21.5	545	529
19 x 0.75	16.2	18.5	370	17.8	20.0	524	507	20.2	22.5	606	589
24 x 0.75	19.0	21.5	467	20.6	23.0	648	629	23.1	25.5	747	728
27 x 0.75	19.6	22.0	520	21.2	23.5	709	689	23.8	26.0	811	791
30 x 0.75	20.3	22.5	568	21.9	24.0	765	744	24.5	27.0	870	849
33 x 0.75	21.0	23.5	615	22.6	25.0	820	799	25.2	27.5	929	907
37 x 0.75	21.8	24.5	677	23.4	26.0	892	869	26.1	28.5	1004	982
2 x 1	8.2	9.4	75	9.3	10.5	125	119	11.3	12.5	166	160
3 x 1	8.8	10.0	98	9.9	11.5	153	147	11.9	13.0	195	189
4 x 1	9.6	11.0	121	10.7	12.0	180	174	12.7	14.0	227	220
5 x 1	10.4	12.0	143	12.0	13.5	239	228	14.1	15.5	292	281
7 x 1	11.2	13.0	182	12.8	14.5	287	275	14.9	16.5	342	331
10 x 1	14.4	16.0	264	16.0	18.0	399	384	18.3	20.0	473	458
12 x 1	14.8	16.5	302	16.4	18.5	441	426	18.7	20.5	516	500
14 x 1	15.5	17.5	341	17.1	19.0	488	472	19.4	21.5	566	550
16 x 1	16.4	18.5	382	18.0	20.0	538	521	20.4	22.5	621	604
19 x 1	17.4	19.5	447	19.0	21.0	615	597	21.4	23.5	702	684
24 x 1	20.4	22.5	564	22.0	24.5	762	741	24.6	27.0	868	847
27 x 1	20.8	23.0	618	22.4	24.5	822	801	25.0	27.5	929	907
30 x 1	21.5	24.0	676	23.1	25.5	888	866	25.7	28.5	998	975
33 x 1	22.6	25.0	745	24.2	26.5	969	946	26.9	29.5	1086	1063
37 x 1	23.4	26.0	820	25.0	27.5	1055	1031	27.7	30.5	1175	1151
2 x 1.5	9.2	10.5	96	10.3	11.5	153	147	12.3	13.5	198	192
3 x 1.5	9.7	11.0	123	10.8	12.0	184	177	12.8	14.0	230	224
4 x 1.5	10.5	12.0	152	12.1	13.5	249	238	14.2	15.5	302	291
5 x 1.5	11.6	13.0	186	13.2	14.5	294	282	15.4	17.0	353	341
7 x 1.5	12.6	14.0	240	14.2	16.0	359	346	16.4	18.0	421	408
10 x 1.5	16.0	18.0	340	17.6	19.5	491	474	20.0	22.0	573	556
12 x 1.5	16.5	18.5	391	18.1	20.0	548	531	20.5	22.5	631	614
14 x 1.5	17.5	19.5	451	19.1	21.0	620	602	21.5	23.5	708	690
16 x 1.5	18.4	20.5	505	20.0	22.0	684	665	22.5	24.5	776	757
19 x 1.5	19.6	22.0	593	21.2	23.5	785	765	23.8	26.0	883	863
24 x 1.5	23.0	25.5	747	24.6	27.0	975	951	27.3	30.0	1095	1071
27 x 1.5	23.5	26.0	822	25.1	27.5	1058	1034	27.8	30.5	1178	1154
30 x 1.5	24.3	27.0	899	25.9	28.5	1145	1120	28.7	31.5	1270	1245
33 x 1.5	25.4	28.0	989	27.0	29.5	1249	1223	29.8	32.5	1379	1353
37 x 1.5	26.4	29.0	1092	28.0	30.5	1365	1338	30.9	33.5	1500	1473
2 x 2.5	10.0	11.5	125	11.1	12.5	187	180	13.1	14.5	236	229
3 x 2.5	10.6	12.0	164	12.2	13.5	263	252	14.3	15.5	316	305
4 x 2.5	11.7	13.0	211	13.3	15.0	320	308	15.5	17.0	379	366
5 x 2.5	12.7	14.5	253	14.3	16.0	373	359	16.5	18.0	435	422
7 x 2.5	13.8	15.5	331	15.4	17.0	464	449	17.7	19.5	530	516
10 x 2.5	17.8	20.0	477	19.4	21.5	650	632	21.9	24.0	739	721
12 x 2.5	18.4	20.5	553	20.0	22.0	734	715	22.5	24.5	824	805
14 x 2.5	19.3	21.5	630	20.9	23.0	822	803	23.4	25.5	916	896
16 x 2.5	20.5	22.5	718	22.1	24.5	924	903	24.7	27.0	1023	1002
19 x 2.5	21.6	24.0	833	23.2	25.5	1054	1031	25.9	28.5	1157	1135
24 x 2.5	25.6	28.0	1062	27.2	29.5	1327	1301	30.1	32.5	1456	1430
27 x 2.5	26.1	29.0	1172	27.7	30.5	1447	1420	30.6	33.5	1575	1548
30 x 2.5	27.1	30.0	1287	28.7	31.5	1575	1548	31.6	34.5	1708	1680
33 x 2.5	28.3	31.0	1415	29.9	32.5	1719	1691	32.9	35.5	1858	1829
37 x 2.5	29.4	32.5	1567	31.0	34.0	1887	1858	34.0	37.0	2030	2000

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CKEPJP/SC系列, CKEPFP/SC系列

150/250V

乙丙橡胶绝缘低烟无卤船用控制电缆

EPR insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKEPFP86/SC
19X2.5



型号: CKEPJP/SC
Type: CKEPJP80/SC
CKEPJP90/SC
CKEPJP85/SC
CKEPJP95/SC
CKEPFP/SC
CKEPFP80/SC
CKEPFP90/SC
CKEPFP86/SC
CKEPFP96/SC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等上建筑的电力照明和一般控制装置之用。对冶金、化、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	- 设计	Design
IEC 60228 Class2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke
IEC60092-350	- 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	乙丙橡胶 EPR, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
屏蔽 screen	P	镀锡铜丝编织 Tinned copper wire braided
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	SC	低烟无卤阻燃 LSHF Flame retardant, IEC60332-3-22(CAT.A)

CKEJP/SC, CKEFP/SC
(CKEFP/SA, CHEVP/SA系列参照使用)

芯数x截面 No. of cores x sectional area	CKEJP/SC, CKEFP/SC			CKEJP80/SC, CKEFP80/SC CKEJP90/SC, CKEFP90/SC				CKEJP85/SC, CKEFP86/SC CKEJP95/SC, CKEFP96/SC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		Approx. weight	
	标称 Nom.	最大 Max.	kg/km	标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
No. x mm²											
2 x 0.75	9.6	11.0	104	10.7	12.0	163	156	12.7	14.0	210	203
3 x 0.75	10.1	11.5	133	11.7	13.0	226	215	13.8	15.0	277	267
4 x 0.75	11.0	12.5	164	12.6	14.5	266	254	14.7	16.5	322	310
5 x 0.75	12.2	14.0	202	13.8	15.5	315	303	16.0	17.5	377	364
7 x 0.75	13.2	15.0	260	14.8	16.5	385	371	17.0	18.5	450	436
10 x 0.75	17.0	19.0	376	18.6	20.5	537	520	21.0	23.0	625	607
12 x 0.75	17.5	19.5	432	19.1	21.0	600	582	21.5	23.5	688	670
14 x 0.75	18.4	20.5	490	20.0	22.0	668	649	22.5	24.5	761	742
16 x 0.75	19.6	22.0	559	21.2	23.5	750	730	23.8	26.0	850	829
19 x 0.75	20.6	23.0	644	22.2	24.5	848	827	24.8	27.0	951	930
24 x 0.75	24.2	27.0	812	25.8	28.5	1053	1029	28.6	31.5	1181	1157
27 x 0.75	24.7	27.5	894	26.3	29.0	1143	1118	29.1	32.0	1272	1246
30 x 0.75	25.8	28.5	991	27.4	30.0	1254	1228	30.3	33.0	1389	1362
33 x 0.75	26.8	29.5	1078	28.4	31.5	1353	1325	31.3	34.5	1493	1465
37 x 0.75	28.0	31.0	1203	29.6	32.5	1494	1465	32.6	35.5	1640	1612
2 x 1	9.8	11.0	112	10.9	12.0	173	166	12.9	14.0	220	214
3 x 1	10.4	12.0	145	12.0	13.5	242	231	14.1	15.5	294	283
4 x 1	11.5	13.0	186	13.1	14.5	293	281	15.2	16.5	351	338
5 x 1	12.5	14.0	222	14.1	15.5	339	326	16.3	18.0	402	389
7 x 1	13.5	15.0	288	15.1	16.5	416	402	17.3	19.0	482	468
10 x 1	17.4	19.5	416	19.0	21.0	582	564	21.4	23.5	671	653
12 x 1	18.0	20.0	480	19.6	21.5	654	635	22.1	24.0	744	726
14 x 1	18.8	21.0	545	20.4	22.5	729	709	22.9	25.0	822	803
16 x 1	20.1	22.0	621	21.7	24.0	819	799	24.3	26.5	920	899
19 x 1	21.1	23.5	718	22.7	25.0	929	907	25.3	27.5	1033	1011
24 x 1	25.0	27.5	917	26.6	29.0	1169	1144	29.4	32.0	1299	1274
27 x 1	25.5	28.0	1009	27.1	29.5	1271	1245	29.9	32.5	1401	1375
30 x 1	26.4	29.0	1106	28.0	30.5	1379	1352	30.9	33.5	1514	1487
33 x 1	27.7	30.5	1217	29.3	32.0	1506	1478	32.3	35.0	1649	1621
37 x 1	28.7	31.5	1344	30.3	33.0	1648	1619	33.3	36.0	1795	1765
2 x 1.5	10.6	12.0	133	12.2	13.5	230	219	14.3	15.5	285	274
3 x 1.5	11.2	13.0	174	12.8	14.5	278	266	14.9	16.5	334	323
4 x 1.5	12.4	14.0	223	14.0	15.5	340	327	16.2	18.0	402	389
5 x 1.5	13.5	15.0	268	15.1	16.5	396	382	17.3	19.0	463	448
7 x 1.5	14.9	16.5	358	16.5	18.0	501	485	18.8	20.5	574	558
10 x 1.5	19.0	21.0	507	20.6	23.0	691	671	23.1	25.5	788	768
12 x 1.5	19.8	22.0	595	21.4	23.5	790	769	24.0	26.0	889	869
14 x 1.5	20.8	23.0	678	22.4	24.5	885	863	25.0	27.0	988	967
16 x 1.5	21.9	24.5	762	23.5	26.0	982	959	26.2	28.5	1091	1068
19 x 1.5	23.3	25.5	894	24.9	27.0	1132	1108	27.6	30.0	1247	1223
24 x 1.5	27.4	30.5	1127	29.0	32.0	1410	1382	31.9	35.0	1553	1525
27 x 1.5	28.2	31.0	1257	29.8	32.5	1553	1524	32.8	35.5	1698	1670
30 x 1.5	29.2	32.0	1379	30.8	33.5	1688	1659	33.8	36.5	1838	1808
33 x 1.5	30.5	33.5	1515	32.6	35.5	1928	1886	35.7	38.5	2091	2049
37 x 1.5	31.7	34.5	1676	33.8	37.0	2110	2067	37.0	40.0	2278	2235
2 x 2.5	11.8	13.0	173	13.4	15.0	282	269	15.6	17.0	342	330
3 x 2.5	12.5	14.0	229	14.1	15.5	346	333	16.3	18.0	409	396
4 x 2.5	13.6	15.0	288	15.2	17.0	417	403	17.5	19.0	484	470
5 x 2.5	15.1	17.0	355	16.7	18.5	500	484	19.0	20.5	574	558
7 x 2.5	16.4	18.5	467	18.0	20.0	628	611	20.4	22.5	707	690
10 x 2.5	21.2	23.5	673	22.8	25.0	883	861	25.4	27.5	990	968
12 x 2.5	21.9	24.5	782	23.5	26.0	1002	980	26.2	28.5	1111	1088
14 x 2.5	23.2	25.5	904	24.8	27.0	1141	1118	27.5	30.0	1255	1231
16 x 2.5	24.5	27.0	1018	26.1	28.5	1272	1247	28.9	31.5	1392	1367
19 x 2.5	26.0	28.5	1195	27.6	30.0	1470	1443	30.5	33.0	1596	1570
24 x 2.5	30.8	33.5	1521	32.9	35.5	1937	1895	36.0	39.0	2103	2060
27 x 2.5	31.5	34.5	1682	33.6	36.5	2114	2071	36.8	39.5	2280	2237
30 x 2.5	32.6	35.5	1847	34.7	38.0	2299	2255	37.9	41.0	2469	2424
33 x 2.5	34.1	37.0	2030	36.2	39.5	2507	2461	39.5	42.5	2686	2639
37 x 2.5	35.4	39.0	2249	37.5	41.0	2751	2703	40.9	44.5	2935	2887

注: 上述参数仅供参考, 如需采用须经我司技术部门确认。上述任何参数修改恕不另行通知。

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CKEPJ/NC系列, CKEPF/NC系列

150/250V

乙丙橡胶绝缘低烟无卤船用控制电缆

EPR insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKEPJ85/NC
19X2.5



型号: CKEPJ/NC
Type: CKEPJ80/NC
CKEPJ90/NC
CKEPJ85/NC
CKEPJ95/NC
CKEPF/NC
CKEPF80/NC
CKEPF90/NC
CKEPF86/NC
CKEPF96/NC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等水上建筑的电力照明和一般控制装置之用。对冶金、化工、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

结构 Construction

执行标准 Standards applied

IEC 60092-376	– 设计	Design
IEC 60228 Class2	– 导体	Conductor
IEC 60092-360	– 绝缘	Insulation
IEC 60092-360	– 护套	Sheath
IEC 60331	– 耐火	Fire Resistant
IEC 60332-3-22	– 阻燃	Flame Retardant
IEC 60754	– 无卤	Halogen Free
IEC 61034	– 低烟	Low Smoke
IEC60092-350	– 结构	Structure

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CKEPJ/NC, CKEPF/NC
(CKEF/NA, CHEV/NA系列参照使用)

芯数x截面 No. of cores x sectional area	CKEPJ/NC, CKEPF/NC			CKEPJ80/NC, CKEPF80/NC CKEPJ90/NC, CKEPF90/NC				CKEPJ85/NC, CKEPF86/NC CKEPJ95/NC, CKEPF96/NC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		Approx. weight	
	标称 Nom.	最大 Max.	kg/km	标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
No. x mm²											
2 x 0.75	9.2	10.5	85	10.3	11.5	141	135	12.3	13.5	187	181
3 x 0.75	9.7	11.0	107	10.8	12.0	166	160	12.8	14.0	214	207
4 x 0.75	10.5	12.0	130	12.1	13.5	226	215	14.2	15.5	280	269
5 x 0.75	11.6	13.0	159	13.2	14.5	265	253	15.4	17.0	325	313
7 x 0.75	12.6	14.0	201	14.2	16.0	318	305	16.4	18.0	382	369
10 x 0.75	16.0	18.0	284	17.6	19.5	433	416	20.0	22.0	517	501
12 x 0.75	16.5	18.5	324	18.1	20.0	478	461	20.5	22.5	565	548
14 x 0.75	17.5	19.5	374	19.1	21.0	539	521	21.5	23.5	630	612
16 x 0.75	18.4	20.5	417	20.0	22.0	591	572	22.5	24.5	688	669
19 x 0.75	19.6	22.0	487	21.2	23.5	675	655	23.8	26.0	778	758
24 x 0.75	23.0	25.5	614	24.6	27.0	835	812	27.3	30.0	962	938
27 x 0.75	23.5	26.0	672	25.1	27.5	900	876	27.8	30.5	1028	1004
30 x 0.75	24.3	27.0	733	25.9	28.5	971	946	28.7	31.5	1104	1079
33 x 0.75	25.4	28.0	806	27.0	29.5	1057	1031	29.8	32.5	1196	1170
37 x 0.75	26.4	29.0	887	28.0	30.5	1150	1123	30.9	33.5	1295	1268
2 x 1	9.6	11.0	95	10.7	12.0	154	147	12.7	14.0	201	194
3 x 1	10.1	11.5	120	11.7	13.0	212	201	13.8	15.0	265	254
4 x 1	11.0	12.5	147	12.6	14.5	248	236	14.7	16.5	305	293
5 x 1	12.2	14.0	180	13.8	15.5	293	280	16.0	17.5	356	343
7 x 1	13.2	15.0	230	14.8	16.5	353	340	17.0	18.5	420	406
10 x 1	17.0	19.0	334	18.6	20.5	492	475	21.0	23.0	582	564
12 x 1	17.5	19.5	381	19.1	21.0	546	528	21.5	23.5	637	619
14 x 1	18.4	20.5	431	20.0	22.0	606	587	22.5	24.5	702	683
16 x 1	19.6	22.0	490	21.2	23.5	678	658	23.8	26.0	781	761
19 x 1	20.6	23.0	563	22.2	24.5	762	741	24.8	27.0	870	849
24 x 1	24.2	27.0	710	25.8	28.5	945	921	28.6	31.5	1079	1054
27 x 1	24.7	27.5	779	26.3	29.0	1022	997	29.1	32.0	1156	1131
30 x 1	25.8	28.5	863	27.4	30.0	1119	1093	30.3	33.0	1260	1234
33 x 1	26.8	29.5	936	28.4	31.5	1205	1177	31.3	34.5	1352	1324
37 x 1	28.0	31.0	1044	29.6	32.5	1328	1299	32.6	35.5	1482	1453
2 x 1.5	10.4	12.0	114	12.0	13.5	209	198	14.1	15.5	263	252
3 x 1.5	11.0	12.5	146	12.6	14.0	247	236	14.7	16.0	304	292
4 x 1.5	12.2	13.5	187	13.8	15.0	299	287	16.0	17.5	362	349
5 x 1.5	13.3	15.0	223	14.9	16.5	346	332	17.1	18.5	414	400
7 x 1.5	14.6	16.5	294	16.2	18.0	431	416	18.5	20.0	505	490
10 x 1.5	18.6	20.5	415	20.2	22.0	591	572	22.7	24.5	690	670
12 x 1.5	19.2	21.5	477	20.8	23.0	661	641	23.3	25.5	761	741
14 x 1.5	20.4	22.5	551	22.0	24.0	748	727	24.6	26.5	855	834
16 x 1.5	21.5	23.5	617	23.1	25.0	826	804	25.7	28.0	939	917
19 x 1.5	22.8	25.0	722	24.4	26.5	947	923	27.1	29.5	1066	1043
24 x 1.5	26.8	29.5	909	28.4	31.0	1176	1149	31.3	34.0	1325	1297
27 x 1.5	27.4	30.5	1000	29.0	32.0	1276	1248	31.9	35.0	1426	1398
30 x 1.5	28.6	31.5	1108	30.2	33.0	1399	1370	33.2	36.0	1556	1527
33 x 1.5	29.7	32.5	1204	31.3	34.0	1509	1478	34.4	37.5	1673	1643
37 x 1.5	31.0	34.0	1342	33.1	36.0	1752	1709	36.2	39.0	1928	1886
2 x 2.5	11.2	13.0	144	12.8	14.5	246	235	14.9	16.5	304	292
3 x 2.5	12.1	13.5	195	13.7	15.0	307	294	15.9	17.5	368	356
4 x 2.5	13.2	14.5	243	14.8	16.5	367	353	17.0	18.5	433	419
5 x 2.5	14.5	16.0	298	16.1	18.0	435	420	18.4	20.0	507	492
7 x 2.5	15.8	17.5	389	17.4	19.0	541	524	19.8	21.5	619	602
10 x 2.5	20.4	22.5	561	22.0	24.0	758	737	24.6	26.5	864	843
12 x 2.5	21.1	23.0	648	22.7	25.0	856	834	25.3	27.5	963	942
14 x 2.5	22.3	24.5	748	23.9	26.0	970	947	26.6	29.0	1084	1061
16 x 2.5	23.5	26.0	840	25.1	27.5	1076	1052	27.8	30.0	1196	1172
19 x 2.5	25.0	27.5	985	26.6	29.0	1241	1215	29.4	32.0	1368	1342
24 x 2.5	29.4	32.0	1241	31.0	33.5	1545	1515	34.0	37.0	1704	1674
27 x 2.5	30.0	33.0	1369	31.6	34.5	1684	1654	34.7	37.5	1844	1813
30 x 2.5	31.3	34.0	1516	33.4	36.5	1938	1895	36.6	39.5	2109	2067
33 x 2.5	32.5	35.5	1650	34.6	38.0	2092	2047	37.8	41.0	2270	2226
37 x 2.5	34.0	37.0	1842	36.1	39.0	2309	2263	39.4	42.5	2496	2449

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CKEPJP/NC系列, CKEPFP/NC系列

150/250V

乙丙橡胶绝缘低烟无卤船用控制电缆

EPR insulated halogen-free low-smoke shipboard control cable

图例 Example:

CKEPFP86/NC
19X2.5



型号: CKEPJP/NC
Type: CKEPJP80/NC
CKEPJP90/NC
CKEPJP85/NC
CKEPJP95/NC
CKEPFP/NC
CKEPFP80/NC
CKEPFP90/NC
CKEPFP86/NC
CKEPFP96/NC

用途 Application

船用控制电缆可用于河海各种船舶及海上石油平台等上建筑的电力照明和一般控制装置之用。对冶金、化、电力等工矿企业亦同样适用。

The cable is intended for control system of shipboard and off-shore building and it is also available to metallurgical industry, chemical works, power plant and mining factory.

执行标准 Standards applied

IEC 60092-376	- 设计	Design
IEC 60228 Class2	- 导体	Conductor
IEC 60092-360	- 绝缘	Insulation
IEC 60092-360	- 护套	Sheath
IEC 60331	- 耐火	Fire Resistant
IEC 60332-3-22	- 阻燃	Flame Retardant
IEC 60754	- 无卤	Halogen Free
IEC 61034	- 低烟	Low Smoke
IEC60092-350	- 结构	Structure

结构 Construction

组分 Components	代号 Code	材料/描述 Material/Description
系列代号 Series code	CK	船用控制电缆 Shipboard control cable
导体 Conductor		绞合退火铜 (或镀锡铜), IEC 60228 Class 2 Stranded annealed copper or tinned (STC), IEC 60228 Class 2
绝缘 Insulation	E	耐火云母带+乙丙橡胶 Mica glass tape + EPR, IEC 60092-360
内护套 Inner sheath	PJ	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	PF	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
屏蔽 screen	P	镀锡铜丝编织 Tinned copper wire braided
铠装 Armor	8	镀锡铜丝编织 Tinned copper wire braid (TCWB)
	9	镀锌钢丝编织 Galvanized steel wire braided (GSWB)
外护套 Outer sheath	0	无外护套 Without outer sheath
	5	无卤阻燃热固性材料 Halogen-free flame retardant thermoset compound (SHF2)
	6	无卤阻燃热塑性材料 Halogen-free flame retardant thermoplastic compound (SHF1)
外护套颜色 Outer sheath color		黑色(如有) Black, if any
燃烧特性 Flammability	NC	低烟无卤耐火 LSHF Fire resistant, IEC60331

CKEJP/NC, CKEFP/NC
(CKEFP/NA系列参照使用)

芯数x截面 No. of cores x sectional area	CKEJP/NC, CKEFP/NC			CKEJP80/NC, CKEFP80/NC CKEJP90/NC, CKEFP90/NC				CKEJP85/NC, CKEFP86/NC CKEJP95/NC, CKEFP96/NC			
	外径		约重 Approx. weight	外径		约重		外径		约重	
	Over diam. mm			Over diam. mm		Approx. weight		Over diam. mm		Approx. weight	
	标称 Nom.	最大 Max.	kg/km	标称 Nom.	最大 Max.	80系列 kg/km	90系列 kg/km	标称 Nom.	最大 Max.	85系列 kg/km	95系列 kg/km
No. x mm²											
2 x 0.75	10.8	12.0	132	12.4	14.0	231	219	14.5	16.0	287	275
3 x 0.75	11.6	13.0	177	13.2	14.5	284	272	15.4	17.0	344	331
4 x 0.75	12.7	14.0	221	14.3	16.0	339	326	16.5	18.0	403	390
5 x 0.75	13.8	15.5	264	15.4	17.0	394	380	17.7	19.5	464	449
7 x 0.75	15.2	17.0	352	16.8	18.5	497	481	19.1	21.0	572	556
10 x 0.75	19.6	21.5	507	21.2	23.0	696	675	23.8	26.0	798	778
12 x 0.75	20.2	22.5	584	21.8	24.0	781	761	24.4	26.5	885	864
14 x 0.75	21.2	23.5	665	22.8	25.0	874	852	25.4	27.5	982	960
16 x 0.75	22.6	25.0	757	24.2	26.5	982	959	26.9	29.0	1098	1075
19 x 0.75	23.8	26.0	876	25.4	27.5	1117	1092	28.2	30.5	1238	1213
24 x 0.75	28.2	31.0	1117	29.8	32.5	1405	1376	32.8	35.5	1558	1529
27 x 0.75	28.8	31.5	1231	30.4	33.0	1530	1500	33.4	36.0	1683	1653
30 x 0.75	29.8	33.0	1349	31.4	34.5	1662	1631	34.5	37.5	1820	1789
33 x 0.75	31.2	34.0	1483	33.3	36.0	1902	1859	36.5	39.5	2074	2031
37 x 0.75	32.4	35.5	1639	34.5	37.5	2079	2034	37.7	41.0	2257	2212
2 x 1	11.0	12.5	141	12.6	14.0	241	230	14.7	16.0	298	287
3 x 1	11.9	13.5	190	13.5	15.0	301	289	15.7	17.0	361	349
4 x 1	12.9	14.5	237	14.5	16.0	358	345	16.7	18.5	423	409
5 x 1	14.3	16.0	292	15.9	17.5	427	412	18.2	19.5	498	484
7 x 1	15.5	17.0	380	17.1	19.0	529	513	19.4	21.0	605	589
10 x 1	20.0	22.0	548	21.6	23.5	742	721	24.2	26.0	846	825
12 x 1	20.7	23.0	634	22.3	24.5	837	816	24.9	27.0	943	921
14 x 1	21.7	24.0	722	23.3	25.5	938	916	26.0	28.5	1048	1025
16 x 1	23.1	25.5	822	24.7	27.0	1054	1031	27.4	29.5	1171	1148
19 x 1	24.3	27.0	952	25.9	28.5	1201	1176	28.7	31.5	1323	1298
24 x 1	28.8	31.5	1213	30.4	33.0	1512	1482	33.4	36.0	1665	1636
27 x 1	29.4	32.0	1339	31.0	33.5	1648	1618	34.0	37.0	1802	1772
30 x 1	30.7	33.5	1483	32.8	35.5	1896	1854	35.9	39.0	2063	2021
33 x 1	31.9	35.0	1615	34.0	37.0	2048	2004	37.2	40.0	2221	2178
37 x 1	33.3	36.5	1802	35.4	38.5	2259	2214	38.7	42.0	2440	2394
2 x 1.5	12.0	13.5	169	13.6	15.0	279	266	15.8	17.0	341	328
3 x 1.5	12.7	14.0	222	14.3	16.0	340	327	16.5	18.0	404	391
4 x 1.5	13.9	15.5	278	15.5	17.0	410	395	17.8	19.5	479	465
5 x 1.5	15.4	17.0	343	17.0	18.5	489	473	19.3	21.0	566	550
7 x 1.5	16.9	18.5	457	18.5	20.5	621	604	20.9	22.5	704	686
10 x 1.5	21.6	24.0	647	23.2	25.5	859	837	25.9	28.0	972	949
12 x 1.5	22.5	24.5	760	24.1	26.5	985	962	26.8	29.0	1100	1077
14 x 1.5	23.6	26.0	867	25.2	27.5	1106	1082	28.0	30.5	1226	1201
16 x 1.5	25.2	27.5	988	26.8	29.0	1245	1220	29.6	32.0	1374	1348
19 x 1.5	26.5	29.0	1145	28.1	30.5	1421	1394	31.0	33.5	1555	1528
24 x 1.5	31.4	34.0	1457	33.5	36.5	1877	1834	36.7	39.5	2053	2010
27 x 1.5	32.1	35.0	1610	34.2	37.0	2044	2001	37.4	40.5	2220	2177
30 x 1.5	33.4	36.5	1781	35.5	38.5	2239	2193	38.8	42.0	2422	2376
33 x 1.5	34.8	38.0	1942	36.9	40.0	2422	2375	40.2	43.5	2613	2566
37 x 1.5	36.3	39.5	2166	38.4	41.5	2674	2624	41.8	45.0	2872	2823
2 x 2.5	13.0	14.5	205	14.6	16.0	325	311	16.8	18.5	392	378
3 x 2.5	13.8	15.5	274	15.4	17.0	404	389	17.7	19.5	473	458
4 x 2.5	15.3	17.0	353	16.9	18.5	499	483	19.2	21.0	575	559
5 x 2.5	16.9	18.5	434	18.5	20.5	597	580	20.9	22.5	681	663
7 x 2.5	18.4	20.5	572	20.0	22.0	754	735	22.5	24.5	843	824
10 x 2.5	23.8	26.0	823	25.4	27.5	1061	1037	28.2	30.5	1185	1160
12 x 2.5	24.6	27.0	956	26.2	28.5	1208	1182	29.0	31.5	1332	1307
14 x 2.5	26.1	28.5	1106	27.7	30.0	1377	1350	30.6	33.0	1509	1482
16 x 2.5	27.7	30.5	1258	29.3	32.0	1549	1521	32.3	35.0	1690	1662
19 x 2.5	29.2	32.0	1462	30.8	33.5	1776	1746	33.8	36.5	1922	1892
24 x 2.5	34.6	37.5	1858	36.7	39.5	2332	2285	40.0	43.0	2525	2478
27 x 2.5	35.4	38.5	2056	37.5	41.0	2549	2501	40.9	44.0	2742	2694
30 x 2.5	36.9	40.0	2277	39.0	42.0	2797	2746	42.4	45.5	2997	2947
33 x 2.5	38.5	42.0	2500	40.6	44.0	3048	2996	44.1	47.5	3257	3205
37 x 2.5	40.0	43.5	2770	42.1	45.5	3348	3293	45.7	49.0	3564	3509

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技术资料

Technical Information

绞合铜导体直流电阻（20℃）

Conductor D.C. Resistance of Annealed Stranded Copper at 20℃

导体截面积 Conductor area	20℃时最大电阻 Max. resistance at 20℃		导体截面积 Conductor area	20℃时最大电阻 Max. resistance at 20℃	
	2 类Class 2	5 类Class 5		2 类Class 2	5 类Class 5
mm ²	ohm/km		mm ²	ohm/km	
0.5	36.0	39.0	70	0.268	0.272
0.75	24.5	26.0	95	0.193	0.206
1	18.1	19.5	120	0.153	0.161
1.5	12.1	13.3	150	0.124	0.129
2.5	7.41	7.98	185	0.0991	0.106
4	4.61	4.95	240	0.0754	0.0801
6	3.08	3.30	300	0.0601	0.0641
10	1.83	1.91			
16	1.15	1.21			
25	0.727	0.780			
35	0.524	0.554			
50	0.387	0.386			

镀锡绞合铜导体直流电阻（20℃）

Conductor D.C. Resistance of Tinned Annealed Stranded Copper at 20℃

导体截面积 Conductor area	20℃时最大电阻 Max. resistance at 20℃		导体截面积 Conductor area	20℃时最大电阻 Max. resistance at 20℃	
	2 类Class 2	5 类Class 5		2 类Class 2	5 类Class 5
mm ²	ohm/km		mm ²	ohm/km	
0.5	36.7	40.1	70	0.270	0.277
0.75	24.8	26.7	95	0.195	0.210
1	18.2	20.0	120	0.154	0.164
1.5	12.2	13.7	150	0.126	0.132
2.5	7.56	8.21	185	0.100	0.108
4	4.70	5.09	240	0.0762	0.0817
6	3.11	3.39	300	0.0607	0.0654
10	1.84	1.95			
16	1.16	1.24			
25	0.734	0.795			
35	0.529	0.565			
50	0.391	0.393			

连续工作载流量

Current rating for Continous Service

EPR 和XLPE 绝缘电缆的载流量

Current ratings for EPR and XLPE insulated power cable

乙丙橡胶绝缘和交联聚乙烯绝缘电缆的的导体最高额定工作温度为90℃，其额定载流量符合IEC 60092-352(2005)附录 B 中表4规定（环境温度为45℃）

Current rating of EPR and XLPE insulated power cable in continuous service at maximum rated temperature of 90℃ in accordance with IEC 60092-352(2005) Annex B.4. with ambient temp. 45℃

导体截面积 Conductor area	1芯 1core	2芯 2 core	3和4芯 3 & 4 core
mm ²	Amp	Amp	Amp
1	18	15	13
1.5	23	20	16
2.5	30	26	21
4	40	34	28
6	52	44	36
10	72	61	50
16	96	82	67
25	127	108	89
35	157	133	110
50	196	167	137
70	242	206	169
95	293	249	205
120	339	288	237
150	389	331	272
185	444	377	311
240	522	444	365
300	601	511	421
400	719		
500	827		
630	955		

注：环境温度非45℃时，上表中的数值乘以下列系数进行调整。

The tabled current ratings must be adjusted for ambient air temperatures other than 45℃ by multiplying the rating factors in the following table.

环境温度Ambient temp. °C	35	40	45	50	55	60	65	70	75	80
载流系数 Rating factors	1.10	1.05	1.00	0.94	0.88	0.82	0.74	0.67	0.58	0.47

电缆芯数多于4时，载流量按下列公式进行计算：

For cables with more than 4 cores, the current ratings are given by the following formular:

$$I = \frac{I_1}{\sqrt[3]{N}}$$

I1为单芯电缆载流量

I1=Current rating for single cores

N为线芯数目

N=Number of cores

芯数 No.	1.0mm ² Amp	1.5mm ² Amp	2.5mm ² Amp	芯数 No.	1.0mm ² Amp	1.5mm ² Amp	2.5mm ² Amp
5	11	13	18	16	7	9	12
7	9	12	16	19	7	9	11
10	8	11	14	24	6	8	10
12	8	10	13	27	6	8	10
14	7	10	12	33	6	7	9

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