

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Zhejiang Yuantong Wire & Cable Manufacturing Co., Ltd.
Address	NO.528,Xingguo Road, Yuhang District, Hangzhou, 311108, China
Place of Production	Zhejiang Yuantong Wire & Cable Manufacturing Co., Ltd. NO.528,Xingguo Road, Yuhang District, Hangzhou, 311108, China
Type	Electrical Power Cables
Description	CJPJ85/SC; CJPJ95/SC; CJPF86/SC; CJPF96/SC; CJ85/SC; CJ86/SC CJPJ85/SC-VFD; CJPF86/SC-VFD series of power cables
Trade Name	CJ, CJPJ, CJPF, -VFD
Application	Fixed wiring on ship and offshore installations
Specified Standard	Manufacturer's specification IEC60092-350:2020; IEC60092-354:2020; IEC60092-360:2021; IEC60228:2004; IEC60331-1, -2 :2018; IEC60332-1-2:2004+A1:2015; IEC60332-3-22:2018; IEC60754-1, -2:2011+ A1:2019; IEC61034-1~2:2005+A 2 :2019;
Ratings	Types: CJPJ85/SC, CJPJ95/SC, CJPF86/SC, CJPF96/SC, CJ85/SC, CJ86/SC Rated Voltage: 6/10 kV No. of Cores: 1

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Huangpu District, China

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Conductor Cross Section(mm²): 16~400

No. of Cores: 3

Conductor Cross Section(mm²): 16~300

Rated Voltage: 8.7/15 kV

No. of Cores: 1

Conductor Cross Section(mm²): 25~400

No. of Cores: 3

Conductor Cross Section(mm²): 25~300

Rated Voltage: 12/20 kV

No. of Cores: 1

Conductor Cross Section(mm²): 35~400

No. of Cores: 3

Conductor Cross Section(mm²): 35~300

Types: CJPJ85/SC-VFD, CJPF86/SC-VFD

Rated Voltage: 6/10 kV

No. of Cores: 3+3E

Conductor Cross Section(mm²): 3x25+3x6, 3x35+3x6; 3x50+3x10; 3x70+3x16; 3x95+3x16; 3x120+3x25; 3x150+3x35; 3x185+3x35; 3x240+3x40

C: Shipboard power cable

Insulation:

J: XLPE;

Code for sheath

PJ: Cross-linked Polyolefin

PF: Thermoplastic Polyolefin

VFD: Variable Frequency Device

Type/SC: Halogen-free Low-smoke bunched flame retardant cable, comply with IEC 60332-3-22, IEC 60754, IEC 61034

"Conductor Cross-Section" is selected from the following series of conductor size:-

16, 25, 35, 50, 70, 95, 120, 150, 185, 240, 300, 400 mm²

Conductor Max. Temp: 90°C

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Classification Society (China) Co Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR21253366TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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