

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	Anhui Tiankang(Group) Shares Co., Ltd
Address	No.20 South Renhe Road, Tianchang, 239300, China
Place of Production	Anhui Tiankang(Group) Shares Co., Ltd No.58 Tiankang Road, Tianchang, China
Place of Production	Anhui Tiankang(Group) Shares Co., Ltd Tiankang Industrial Park, Between of Jingqi Road and Jingba Road, hi tech Industrial Development Zone, Tianchang, China
Type	Electrical Power Cables
Description	XLPE and EPR insulated Shipboard power cables
Trade Name	CJPF, CEPF, CEPJ, CEF, CJ, CJPJ, CJPF
Application	Marine applications for fixed wiring on ship installations
Specified Standard	Manufacture's specification, IEC60092-350: 2020; IEC60092-353: 2016; IEC60092-354: 2014; IEC60092-360: 2014; IEC60331-1:2009; IEC60332-1-2: 2018; IEC60332-3-22: 2018; IEC60754-1~2:2011; IEC61034-1~2:2013



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Ratings

Rated Voltage: 3.6/6 kV, 6/10kV, and 8.7/15kV

Types:

CJPF/SC, CJPF86/SC, CJPF96/SC

No. of Cores: 1

Conductor size(mm²): 25, 35, 50, 70, 95, 120, 150, 185, 240

No. of Cores: 3

Conductor size(mm²): 25, 35, 50, 70, 95, 120, 150, 185

Rated Voltage: 0.6/1kV

Types:

CEPF/SC; CEPF86/SC; CEPF96/SC; CEPF80/SC; CEPF90/SC; CEPJ/SC; CEPJ85/SC;

CEPJ95/SC; CEPJ80/SC; CEPJ90/SC; CEPF/NC; CEPF86/NC; CEPF96/NC; CEPF80/NC;

CEPF90/NC; CEPJ/NC; CEPJ85/NC; CEPJ95/NC; CEPJ80/NC; CEPJ90/NC ; CEF/SA;

CEF/NA; CJ86/SC; CJ96/SC; CJ85/SC; CJ95/SC; CJPJ/SC; CJPJ85/SC; CJPJ95/SC;

CJPJ80/SC; CJPJ90/SC ; CJPF/SC; CJPF86/SC; CJPF96/SC; CJPF80/SC; CJPF90/SC ;

CJ86/NC; CJ96/NC; CJ85/NC; CJ95/NC ; CJPJ/NC; CJPJ85/NC; CJPJ95/NC; CJPJ80/NC;

CJPJ90/NC ; CJPF/NC; CJPF86/NC; CJPF96/NC; CJPF80/NC; CJPF90/NC CJPF96/NC;

CJPF80/NC; CJPF90/NC

No. of Cores: 1

Conductor size(mm²): 1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240

No. of Cores: 2

Conductor size(mm²): 1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120

No. of Cores: 3

Conductor size(mm²): 1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185

No. of Cores: 1

Conductor size(mm²): 1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185, 240

No. of Cores: 4, 5, 7, 10, 12, 14, 16, 19, 24, 27, 30, 33, 37

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Conductor size(mm²): 1, 1.5, 2,5

The maximum rated conductor temperature: 90°C.

Code for cable series

C: Shipboard power cable

CH: Shipboard communication cable

Code for insulation

J: XLPE; E: EPR

Code for sheath

F: Polychloroprene rubber;

PJ: Cross-linked Polyolefin

PF: Thermoplastic Polyolefin;

V: Polyvinyl chloride

Code for flammability

S: Flame retardant for single and bunched cables

N: Flame retardant and fire resistant cables

C: Halogen-free, low-smoke

SA: Flame retardant type tested to IEC60332-1-2:2018, IEC60332-3-22:2018

Code for armour and outer sheath

8: Copper wire braid

9: Galvanized steel wire braid

5: Cross-linked Polyolefin outersheath

6: Thermal plastic Polyolefin outersheath

0: No outer sheath

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 LR21397411TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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