



# NIPPON KAIJI KYOKAI

## *Certificate of Type Test*

Certificate No.

*TA17398M*

MANUFACTURER: Jiangsu Yuanyang Cable Co., Ltd., Yangzhou, P.R. China

PRODUCT: 0.6/1kV shipboard power cables

TYPE NO.: Refer to the attached sheet

TYPE TEST NO.: 09T813

PARTICULARS: Refer to the attached sheet

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 2 August 2022.

Issued at Tokyo on 3 August 2017.



*F. Taguchi*  
F. Taguchi  
General Manager  
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

NIPPON KAIJI KYOUKAI

Attached sheet to Cert. No.TA17398M

Particulars:

Type of Cables (Symbol)	Conductor size (mm <sup>2</sup> )	No. of cores	STANDARD
CJPF SC/NC    CYPF SC/NC CJPF80 SC/NC    CYPF80 SC/NC CJPF90 SC/NC    CYPF90 SC/NC CJPF86 SC/NC    CYPF86 SC/NC CJPF96 SC/NC    CYPF96 SC/NC			
CJPJ SC/NC    CEF SA/NA CJPJ80 SC/NC    CEF80 SA/NA CJPJ85 SC/NC    CEF82 SA/NA CJPJ90 SC/NC    CEF90 SA/NA CJPJ95 SC/NC    CEF92 SA/NA	1~300 1~120 1~185 1~185	1 2 3 4	IEC60092-350 IEC60092-353 IEC60331 IEC60332-3-22 Cat.A
CJV DA/SA/NA CJV80 DA/SA/NA CJV90 DA/SA/NA CJV82 DA/SA/NA CJV92 DA/SA/NA	1~2.5 1~185 1~185	5~37 2+E 3+E	IEC60754-1~2 IEC61034-1~2
CJ85 SC/NC CJ86 SC/NC CJ95 SC/NC CJ96 SC/NC			

Note1: The letters shown in the above table mean as follows;

Code for cable series  
C : Shipboard power cable

Code for insulation  
E : EPR  
J : XLPE  
Y : HF90

Code for sheath  
V : PVC  
F : PCP  
PJ : Cross-linked PO  
PF : Thermoplastic Polyolefin

Code for flammability  
DA : Single cable flame retardance  
SA : Bunched cable flame retardance  
NA : Bunched cable flame retardance and fire resisting  
SC : Bunched cable flame retardance, low-smoke and halogen free  
NC : Bunched cable flame retardance, low-smoke, halogen free and fire resisting

Code for armor and outer sheath  
8 : Copper wire braid  
9 : Steel wire braid  
0 : No outer sheath  
2 : PVC outer sheath  
5 : Cross-linked Polyolefin  
6 : PO outer sheath

Note2: Maximum conductor temperature 90°C

— The End —



# NIPPON KAIJI KYOKAI

## *Certificate of Type Test*

Certificate No.

TA17399M

MANUFACTURER: Jiangsu Yuanyang Cable Co., Ltd., Yangzhou, P.R. China

PRODUCT: 150/250V shipboard telecommunication cables

TYPE NO.: Refer to the attached sheet

TYPE TEST NO.: 09T814

PARTICULARS: Refer to the attached sheet

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 2 August 2022.

Issued at Tokyo on 3 August 2017.



  
F. Taguchi  
General Manager  
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

# NIPPON KAIJI KYOUKAI

Attached sheet to Cert. No.TA17399M

Particulars:

Type of Cables (Symbol)	Conductor size (mm <sup>2</sup> )	No. of cores	STANDARD
CHJPF80 SC/NC    CHJV80 SA/NA CHJPF86 SC/NC    CHJV82 SA/NA CHJPF96 SC/NC CHJFPF86 SC/NC CHJFPF96 SC/NC	0.5~2.5 0.75~1.5	1 x 2 to 48 x 2 1 x 3 to 48 x 3	IEC60092-350 IEC60092-376 IEC60092-359 IEC60331 IEC60332-3-22 Cat.A IEC60754-1~2 IEC61034-1~2
CHJ85 SC/NC    CHJ82 SA/NA CHJ86 SC/NC    CHE82 SA/NA CHJP85 SC/NC    CHEF80 SA/NA CHJP86 SC/NC    CHEF82 SA/NA CHJPJ80 SC/NC CHJPJ85 SC/NC	0.5~2.5 0.75~1.5	1 x 2 to 48 x 2 1 x 3 to 48 x 3	IEC60092-350 IEC60092-376 IEC60092-359 IEC60331 IEC60332-3-22 Cat.A IEC60754-1~2 IEC61034-1~2

Note1: The letters shown in the above table mean as follows;

Code for cable series

CH : Shipboard telecommunication cables and signal cables

Code for insulation

E : EPR  
J : XLPE

Code for sheath

V : PVC  
F : PCP  
PJ : Cross-linked PO  
PF : Thermoplastic Polyolefin

Code for flammability

SA : Bunched cable flame retardance  
NA : Bunched cable flame retardance and fire resisting  
SC : Bunched cable flame retardance, low-smoke and halogen free  
NC : Bunched cable flame retardance, low-smoke, halogen free and fire resisting

Code for shield

P : Pair core shield

Code for armor and outer sheath

8 : Copper wire braid  
9 : Steel wire braid  
0 : No outer sheath  
2 : PVC outer sheath  
5 : Cross-linked PO outer sheath  
6 : Thermo plastic Polyolefin outer sheath

Note2: Maximum conductor temperature 90°C

— The End —