



# NIPPON KAIJI KYOKAI

Certificate No.  
TA12686M

## *Certificate of Type Test*

MANUFACTURER: Jiangsu Jiangyang Marine Cable Co., Ltd., China  
PRODUCT: 0.6/1kV Shipboard low voltage power cables  
TYPE NO.: Refer to the attached sheet  
TYPE TEST NO.: 09T808  
PARTICULARS: Refer to the attached sheet  
STANDARD: IEC60092-350, 353,  
IEC60331,  
IEC60332-3 Category A,  
IEC60754,  
IEC61034

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 10 November 2017.

Issued at Tokyo on 13 November 2012.

T. Narisawa  
General Manager  
Machinery Department

Attached sheet to Cert. No.TA12686M

Particulars:

Type of cables		
CJV/SA/NSA	CJVR/SA/NSA	CJV80/SA/NSA
CJV90/SA/NSA	CJV82/SA/NSA	CJV92/SA/NSA
CJPF/SC/NSC	CJPF80/SC/NSC	CJPF90/SC/NSC
CJPF86/SC/NSC	CJPF96/SC/NSC	
CJPJ/SC/NSC	CJPJ80/SC/NSC	CJPJ90/SC/NSC
CJPJ85/SC/NSC	CJPJ95/SC/NSC	
CJ82/SA/NSA	CJ92/SA/NSA	CJ86/SC/NSC
CJ96/SC/NSC	CJ85/SC/NSC	CJ95/SC/NSC

Rating	No. of cores	Conductor size (mm <sup>2</sup> )
0.6/1kV	1	1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185
	2	1, 1.5, 2.5, 4, 6, 10, 16
	3	1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 185
	4	1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50
	5	1, 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50
	7,8,10,12,14,16,19,24,27,30,37	1, 1.5, 2.5

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

Code for cable series

C : Shipboard power cable

Code for insulation

J : XLPE

Code for sheath

V : Polyvinyl chloride (ST2)

PF : polyolefin (SHF1)

PJ : cross-linked polyolefin (SHF2)

Code for armour and outer sheath

0 : No outer sheath

2 : Polyvinyl chloride outer sheath (ST2)

5 : Cross-linked polyolefin outer sheath (SHF2)

6 : Polyolefin outer sheath (SHF1)

8 : Tinned copper wire braid

9 : Galvanized steel wire braid

Code for flammability

SA : Bunched cable flame retardant

SC : Bunched cable flame retardant, low-smoke and halogen free

NSA : Bunched cable flame retardant, fire resistance

NSC : Bunched cable flame retardant, fire resistance, low-smoke and halogen free

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# NIPPON KAIJI KYOKAI

Certificate No.  
TA15362M

## *Certificate of Type Test*

MANUFACTURER: Jiangsu Jiangyang Marine Cable Co., Ltd., China  
PRODUCT: 150/250V Shipboard control & symmetrical communication cables  
TYPE NO.: Refer to the attached sheet  
TYPE TEST NO.: 09T809  
PARTICULARS: Refer to the attached sheet  
STANDARD: IEC60092-350, 376,  
IEC60331,  
IEC60332-3 Category A,  
IEC60754,  
IEC61034

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 10 November 2017.

Issued at Tokyo on 26 June 2015.

  
Y. Shibata  
General Manager  
Machinery Department



NIPPON KAIJI KYOKAI

Attached sheet to Cert. No.TA15362M

Particulars: Shipboard control cable

Type of cables		
CKJV/SA/NSA	CKJV80/SA/NSA	CKJV90/SA/NSA
CKJV82/SA/NSA	CKJV92/SA/NSA	
CKJVP/SA/NSA	CKJVP80/SA/NSA	CKJVP90/SA/NSA
CKJVP82/SA/NSA	CKJVP92/SA/NSA	
CKJPF/SC/NSC	CKJPF80/SC/NSC	CKJPF90/SC/NSC
CKJPF86/SC/NSC	CKJPF96/SC/NSC	
CKJFPF/SC/NSC	CKJFPF80/SC/NSC	CKJFPF90/SC/NSC
CKJFPF86/SC/NSC	CKJFPF96/SC/NSC	
CKJJP/SC/NSC	CKJJP80/SC/NSC	CKJJP90/SC/NSC
CKJJP85/SC/NSC	CKJJP95/SC/NSC	
CKJJPJ/SC/NSC	CKJJPJ80/SC/NSC	CKJJPJ90/SC/NSC
CKJJPJ85/SC/NSC	CKJJPJ95/SC/NSC	
CKJ82/SA/NSA	CKJ92/SA/NSA	CKJ85/SC/NSC
CKJ86/SC/NSC	CKJ95/SC/NSC	CKJ96/SC/NSC
CKJP82/SA/NSA	CKJP92/SA/NSA	CKJP85/SC/NSC
CKJP86/SC/NSC	CKJP95/SC/NSC	CKJP96/SC/NSC
CKJ8290/SA/NSA	CKJ8690/SC/NSC	CKJ8590/SC/NSC
CKJ8292/SA/NSA	CKJ8696/SC/NSC	CKJ8595/SC/NSC

Rating	No. of cores	Conductor size (mm <sup>2</sup> )
150/250V	2, 3, 4, 5, 7, 8, 10, 12, 14, 16, 19, 24, 27, 30, 37	0.75, 1, 1.5, 2.5

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

Code for cable series

CK : Shipboard control cable

Code for insulation

J : XLPE

Code for sheath

V : Polyvinyl chloride (ST2)

PF : polyolefin (SHF1)

PJ : cross-linked polyolefin (SHF2)

Code for armour and outer sheath

0 : No outer sheath

2 : Polyvinyl chloride outer sheath (ST2)

5 : Cross-linked polyolefin outer sheath (SHF2)

6 : Polyolefin outer sheath (SHF1)

8 : Tinned copper wire braid

9 : Galvanized steel wire braid

Code for flammability

SA : Bunched cable flame retardant

SC : Bunched cable flame retardant, low-smoke and halogen free

NSA : Bunched cable flame retardant, fire resistance

NSC : Bunched cable flame retardant, fire resistance, low-smoke and halogen free



Particulars: Shipboard symmetrical communication cable

Type of cables		
CHJV/SA/NSA	CHJV80/SA/NSA	CHJV90/SA/NSA
CHJV82/SA/NSA	CHJV92/SA/NSA	
CHJVP/SA/NSA	CHJVP80/SA/NSA	CHJVP90/SA/NSA
CHJVP82/SA/NSA	CHJVP92/SA/NSA	
CHJPF/SC/NSC	CHJPF80/SC/NSC	CHJPF90/SC/NSC
CHJPF86/SC/NSC	CHJPF96/SC/NSC	
CHJFPF/SC/NSC	CHJFPF80/SC/NSC	CHJFPF90/SC/NSC
CHJFPF86/SC/NSC	CHJFPF96/SC/NSC	
CHJJP/SC/NSC	CHJJP80/SC/NSC	CHJJP90/SC/NSC
CHJJP85/SC/NSC	CHJJP95/SC/NSC	
CHJJPJ/SC/NSC	CHJJPJ80/SC/NSC	CHJJPJ90/SC/NSC
CHJJPJ85/SC/NSC	CHJJPJ95/SC/NSC	
CHJ82/SA/NSA	CHJ92/SA/NSA	CHJ85/SC/NSC
CHJ86/SC/NSC	CHJ95/SC/NSC	CHJ96/SC/NSC
CHJP82/SA/NSA	CHJP92/SA/NSA	CHJP85/SC/NSC
CHJP86/SC/NSC	CHJP95/SC/NSC	CHJP96/SC/NSC
CHJ8290/SA/NSA	CHJ8690/SC/NSC	CHJ8590/SC/NSC
CHJ8292/SA/NSA	CHJ8696/SC/NSC	CHJ8595/SC/NSC

Rating	No. of pairs x No. of cores	Conductor size (mm <sup>2</sup> )
150/250V	1x2, 1x3, 1x4, 2x2, 3x2, 4x2, 5x2, 7x2, 10x2 12x2, 14x2, 16x2, 20x2, 24x2, 30x2, 37x2	0.5, 0.75, 1
	1x2, 1x3, 1x4, 2x2, 3x2, 4x2, 5x2, 7x2, 10x2	1.5
	1x2, 1x3, 1x4, 2x2, 3x2	2.5

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

Code for cable series

CH : Shipboard symmetrical communication cable

Code for insulation

J : XLPE

Code for sheath

V : Polyvinyl chloride (ST2)

PF : polyolefin (SHF1)

PJ : cross-linked polyolefin (SHF2)

Code for armour and outer sheath

0 : No outer sheath

2 : Polyvinyl chloride outer sheath (ST2)

5 : Cross-linked polyolefin outer sheath (SHF2)

6 : Polyolefin outer sheath (SHF1)

8 : Tinned copper wire braid

9 : Galvanized steel wire braid

Code for flammability

SA : Bunched cable flame retardant

SC : Bunched cable flame retardant, low-smoke and halogen free

NSA : Bunched cable flame retardant, fire resistance

NSC : Bunched cable flame retardant, fire resistance, low-smoke and halogen free

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