



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.


TA17106M

MANUFACTURER: Seoul Electric Wire Co., Ltd., Korea
PRODUCT: 0.6/1kV XLPE flame retardant and halogen free cables
TYPE NO.: Refer to the attached sheet
TYPE TEST NO.: 07T805
STANDARD: IEC60228, IEC60092-350, IEC60092-353, IEC60331, IEC60332-1,
IEC60332-3 Cat.A, IEC60754, IEC61034, CSA C22.2
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 12 March 2022.

Issued at Tokyo on 13 March 2017.


for Y. Shibata
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.TA17106M

Particulars:

Rated voltage	Cable type symbol	Core	No. of core	Conductor area (mm ²)
0.6/1 kV Power & Control cables	HFF-CX	C	1	0.75 – 120
	HF-CXO(o)	C	2 – 27	1.5, 2.5
	HF-CXO, HF-CXOSA, HF-CXOC, HF-CXOM, HF-CXISA, HF-CXIC, HF-CXIM	C	1, 2	0.75 – 400
		C	3, 4, 3G, 4G	0.75 – 300
		C	5, 5G	4 - 70
		C	5 – 37, 7G	0.75, 1.0, 1.5, 2.5
		C	1, 2	0.75 – 400
	FRHF-CXO, FRHF-CXOSA, FRHF-CXOC, FRHF-CXOM, FRHF-CXISA, FRHF-CXIC, FRHF-CXIM	C	3, 4, 3G, 4G	0.75 – 300
		C	5, 5G	4 - 70
		C	5 – 37, 7G	0.75, 1.0, 1.5, 2.5
		C	5 – 37, 7G	0.75, 1.0, 1.5, 2.5

*"nG" cores means "n" cores with earth conductor, e.g. 7G include one earth conductor.

Note : 1 The letters shown in the above table mean as follows;

1st letter (Cable type)

- HF- : (Halogen free) XLPE
- FRHF- : Fire Resistance, halogen free (FR cable only)
- HFF- : (Halogen free) XLPE , flexible
- *HF : Halogen free XLPE
- *F : Flexible

2nd letter (Rated voltage)

- C : Power voltage cables (0.6/1kV)

3rd letter (Insulation)

- X : XLPE Insulation

4th letter (Inner covering / Sheath)

- O : Halogen free inner covering (lap) and SHF1 outer sheath thermoplastic compound
- I : Halogen free, SHF1 inner sheath and SHF1 outer sheath thermoplastic compound

5th letter (Armour)

- : No armour
- SA : (Tinned) copper wire braid
- C : Galvanized steel wire braid
- M : Copper alloy (bronze) wire braid

* Screen

- (o) : Collective screened Cu-Mylar or Al-Mylar

Note : 2 Conductor class can be used CL.2 or CL.5

Note : 3 Maximum rated conductor temperature 90°C

———— The End ————