



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA12523M

MANUFACTURER: Helkama Bica Oy, Kaarina, Finland

PRODUCT: 250V Halogen free flame retardant control and instrumentation cable

TYPE NO: RFE-HF, RFE-HF(i), RFE-FRHF, RFE-FRHF(i)

TYPE TEST NO.: 95T809

PARTICULARS:

Rated voltage	150/250V (300V)
No. of cores	1x2, 1x3, 2x2 – 37x2 cores (RFE-HF type) 1x2, 1x3, 1x4 2x2 – 37x2 cores (RFE-HF(i) type) 1x2, 1x4 – 37x2 cores (-FRHF type)
Conductor size	0.5, 0.75, 1.5 mm ² (0.75, 1.5 mm ² in case of -FRHF type)
Insulation	Halogen free cross-linked polyethylene plastic (HF-XLPE)
Individual Shield	Plastic coated aluminum tape ((i) type)
Covering	Wrapped tapes of non-hygroscopic material
Screen	Braid of plain copper wires
Sheath	Halogen free thermoplastic (SHF1)
Max rated conductor temperature	90°C

STANDARD: IEC60092-350, IEC60092-351, IEC60092-376, IEC60092-359, IEC60332-1, IEC60332-3-22 Cat.A, IEC60228, IEC60682, IEC60754, IEC61034, IEC60331 (-FRHF type)

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 3 September 2017.

Issued at Tokyo on 4 September 2012.

T. Narisawa
General Manager
Machinery Department