



# NIPPON KAIJI KYOKAI

## *Certificate of Type Test*

Certificate No.

TA12480M

MANUFACTURER: Helkama Bica (Shanghai) Co., Ltd., Shanghai, P.R.China

PRODUCT: 0.6/1kV Halogen free, flame retardant, power and control cables

TYPE NO.: LKM-HF, LKSM-HF, LKM-FRHF, LKSM-FRHF

TYPE TEST NO.: 07T827

PARTICULARS:

Rated voltage	a.c. 0.6/1 kV (1.2kV)
Number of core	1~37
Conductor size	1.5~300 mm <sup>2</sup>
Insulation	Cross-linked polyethylene plastic (XLPE)
Screen	Braid of annealed copper wires (LKSM type)
Sheath	Thermoplastic, halogen free (SHF1)
Fire resistant	Conductor with mica tape as per IEC 60331 (-FRHF type)
Max. rated conductor temperature	90°C

STANDARD: IEC 60092-350, IEC 60092-351, IEC 60092-353, IEC 60092-359,  
IEC 60332-1, IEC 60332-3-22 Cat. A, IEC 60754, IEC 61034

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 6 September 2016.

Issued at Tokyo on 25 June 2012.

T. Narisawa  
General Manager  
Machinery Department