



NIPPON KAIJI KYOKAI

Certificate of Type Test

Certificate No.
TA12486M

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

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

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

TYPE TEST NO.: 07T833

PARTICULARS:

| | |
|----------------------------------|---|
| Rated voltage | a.c. 150/250 V (300V) |
| Number of core | 2~61 |
| Conductor size | 0.5, 0.75, 1.0 mm ² (LKSM-HF, LKM-HF, LKAM-HF) 0.75, 1.0 mm ² (LKSM-FRHF, LKM-FRHF, LKAM-FRHF) |
| Insulation | Cross-linked polyethylene plastic (XLPE) |
| Screen | Braid of annealed copper wires (LKSM type) Tape of aluminium/polyester (LKAM type) |
| Sheath | Thermoplastic, halogen free (SHF1) |
| Fire resistant type | Conductor with mica tape as pre IEC 60331 (-FRHF type) |
| Max. rated conductor temperature | 90°C |

STANDARD: IEC 60092-350, IEC 60092-351, IEC 60092-359, IEC 60092-376,
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