

LKSM-HF

Armoured power and control cable 0,6/1kV



DESIGN:	STANDARDS:
1. Conductor - stranded copper conductor 1,0–10mm ² - stranded copper conductor 16–300mm ² - tinned stranded copper conductor on request	IEC 60092-353, design IEC 60228, class 2 IEC 60228, class 5 (Flex)
2. Insulation - XLPE plastic	IEC 60092-360
3. Cabling / bedding - cabling with optional fillers or dummy cores to obtain symmetrical and round construction	
4. Armour - copper wire braid, coverage > 90% - tinned copper wire braid on request	IEC 60092-350
5. Rip cord - rip cord for conductors from 16mm ²	
6. Sheath - polyolefine plastic, SHF1 - on request, thermosetting polyolefine, SHF2 - standard colour black, other colours on request	IEC 60092-360

● Flame-retardant ● Halogen-free ● Low smoke emission ● Oil resistant (only SHF2)

Application: For fixed installation in most areas and on open deck in ships and offshore units.

Main characteristics

Rated voltage	AC 0,6/1kV (1,2kV) DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV)
Flame-retardant	IEC 60332-1-2 -test for single insulated wire and cable IEC 60332-3-22 -test for bunched wires and cables, category A
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series
Oil resistance (only SHF2)	IEC 60811-404 conditions according to 60092-360/SHF2
Temperature rating:	Maximum conductor temperature + 90 °C Fixed installation -40 °C to +80 °C Minimum recommended installation temperature -15 °C

For details see general information section