

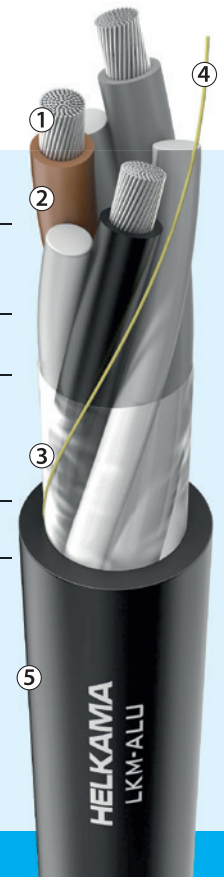
LKM-ALU

Unarmoured power and control cable 0,6/1 kV

DESIGN:

STANDARDS: IEC 60092-353, design

1. Conductor	- stranded aluminum conductor 25–400 mm ² - stranded aluminum conductor 25–400 mm ²	IEC 60228, class 2 ISO 6722-2, class 5
2. Insulation	- XLPE plastic	IEC 60092-360
3. Cabling / bedding	- cabling with optional fillers or dummy cores to obtain symmetrical and round construction - separator tape	
4. Rip cord		
5. 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 0,6/1 kV (1,2 kV) DC 0,9/1,5 kV (if voltage to earth does not exceed 0,9 kV)
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