

**NEW
TYPE**

LKSM-EMC

Armoured power and control cable with improved EMC screening 0,6/1kV**DESIGN:****STANDARDS:**

IEC 60092-353, design

1. Conductor

- stranded copper conductor 1,5-10mm² IEC 60228, class 2
- stranded copper conductor 16-150mm² IEC 60228, class 5

2. Insulation

- XLPE plastic IEC 60092-351

3. Bedding

- filler tape - copper tape, coverage 100%

4. Armour

- copper wire braid, coverage > 90% IEC 60092-350

5. Sheath

- polyolefine plastic, SHF1 IEC 60092-359
- standard colour black, other colours on request

Flame-retardant**Fire-resistant****Halogen-free****Low smoke emission**

Application: For fixed installation in most areas and on open deck in ships.
Design to meet requirements for improved **EMC** screening properties.

Main characteristics

Rated voltage	0,6/1kV (1,2kV)	
Maximum conductor temperature	+ 90 °C	
Flame-retardant	IEC 60332-1-2 IEC 60332-3-22	-test for single insulated wire and cable -test for bunched wires and cables, category A
Halogen-free	IEC 60754 series	
Smoke emission	IEC 61034 series	
Transfer impedance	IEC 61196-1	(typical value 26dB over 1mΩ/m at 100MHz [20mΩ/m])
For details see general information section		

Minimum recommended installation temperature -15 °C**Lowest operation temperature -40 °C****Core identification:**

See technical information section.
Cable with yellow/green protective earth (PE) conductor on request

Identification: Lot number, cable type, cable size, voltage, temperature, standards, production month, manufacturer's name and meter marking printed on the sheath

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LKSM-EMC 0,6/1kV	Number of conductors & cross-section n x mm ²	Cross- section of screen mm ²	Nominal outer diameter mm	Approx- imate weight kg/km	Current rating A	Min. bending radius fixed installation mm
Part number						
26 861	3x1,5	3,8	10,5	180	16	65
26 863	3x2,5	4,3	11,5	220	21	70
26 865	3x4	5,0	12,5	295	28	75
26 867	3x6	5,6	14,0	375	36	85
26 869	3x10	8,9	16,5	570	50	100
26 872	3x16	10,9	19,5	775	66	120
26 874	3x25	13,3	24,5	1175	86	150
26 876	3x35	15,1	27,0	1540	107	165
26 878	3x50	17,6	32,0	1875	137	195
26 880	3x70	28,0	36,5	2785	168	220
26 882	3x95	22,8	42,0	3350	199	255
26 884	3x120	35,1	47,0	4305	232	285
26 886	3x150	39,2	53,0	5465	267	325
26 942	4x1,5	4,3	11,0	210	16	70
26 944	4x2,5	4,8	12,5	270	21	75
26 946	4x4	5,5	13,5	350	28	85
26 948	4x6	11,5	15,5	510	36	95
26 950	4x10	9,9	18,5	710	50	115
26 952	4x16	12,0	22,0	960	66	135
26 954	4x25	14,8	27,0	1515	86	165
26 956	4x35	16,8	29,5	1945	107	180
26 958	4x50	19,5	35,5	2600	137	215
26 960	4x70	31,1	40,0	3585	168	240
26 962	4x95	35,1	47,5	4515	199	285
26 964	4x120	39,2	52,5	5855	232	315

