


# LKAM-HF Screened power and control cable

## 0,6/1kV



DESIGN:	STANDARDS:
	IEC 60092-353, design
<b>1. Conductor</b> - stranded copper conductor	IEC 60228, class 2
<b>2. Insulation</b> - XLPE plastic	IEC 60092-351
<b>3. Screen</b> - drain wire of tinned copper 1,0mm <sup>2</sup> (in all sizes) - aluminium polyester tape, coverage 100%	IEC 60092-350
<b>4. Sheath</b> - polyolefine plastic, SHF1 - standard colour black, other colours on request	IEC 60092-359

Flame-retardant	<input checked="" type="checkbox"/>
Fire-resistant	<input type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
Low smoke emission	<input checked="" type="checkbox"/>

**Application:** For fixed installation in most areas and on open deck in ships, especially when lightweight cables are needed.

### Main characteristics

Rated voltage	<b>AC 0,6/1kV (1,2kV)</b> <b>DC 0,9/1,5kV</b> (if voltage to earth does not exceed 0,9kV)
Maximum conductor temperature	<b>+ 90 °C</b>
Flame-retardant	<b>IEC 60332-1-2</b> -test for single insulated wire and cable <b>IEC 60332-3-22</b> -test for bunched wires and cables, category A
Halogen-free	<b>IEC 60754</b> series
Smoke emission	<b>IEC 61034</b> series

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

**Core identification:** see technical information section

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

LKAM-HF 0,6/1kV		Number of conductors & cross-section n x mm <sup>2</sup>	Nominal outer diameter mm	Approximate weight kg/km	Current Rating A at +45°C	Min. bending radius fixed installation mm
Part number Normal	G-type					
27102	–	2x1,5	9,0	100	20	55
27104	–	2x2,5	9,5	130	26	60
27106	27107	3x1,5	9,5	125	16	55
27108	27109	3x2,5	10,5	160	21	60
27110	27111	4x1,5	10,0	150	16	60
27112	27113	4x2,5	11,0	195	21	65
27114	27115	5x1,5	11,0	175	13	65
27116	27117	5x2,5	12,5	240	17	75
27118	27119	7x1,5	12,0	220	12	70
27120	27121	7x2,5	13,5	300	16	80
27140	27141	10x1,5	15,5	310	11	90
27142	27143	10x2,5	17,5	430	14	105
27122	27123	12x1,5	16,0	350	10	95
27124	27125	12x2,5	18,0	495	13	105
27144	27145	14x1,5	16,5	395	10	100
27146	27147	14x2,5	18,5	565	13	110
27148	27149	16x1,5	17,5	450	9	105
27150	27151	16x2,5	19,5	635	12	120
27126	27127	19x1,5	18,5	510	9	110
27128	27129	19x2,5	21,0	740	11	125
27130	27131	24x1,5	22,0	650	8	130
27132	27133	24x2,5	25,0	930	10	150
27134	27135	27x1,5	22,5	710	8	135
27138	27139	27x2,5	25,5	1025	10	150
27155	27156	32x1,5	23,5	825	7	140
27157	27158	32x2,5	26,5	1195	9	160
27136	27137	37x1,5	25,0	935	7	150
27152	27153	37x2,5	28,5	1355	9	170

G-type is with yellow/green earth conductor and marking on sheath is, for example, 3G1,5

