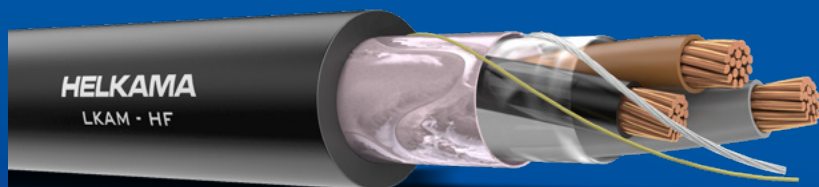


LKAM-HF

0.6/1 kV

Screened power and control cable



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

CONDUCTOR	Stranded copper conductor 1.5-2.5 mm ² , IEC 60228 Class 2
INSULATION	XLPE
CABLING	Cabling, cores twisted together, covered by separator tape
SCREEN	Drain wire tinned copper Aluminium polyester tape, coverage 100%
SHEATH	Polyolefine SHF1, IEC 60092-360 Thermosetting polyolefine SHF2 on request Standard colour black, other colours on request
REFERENCE STANDARD	IEC 60092-353

APPLICATION

Screened power and control cable. For fixed installation in most areas, and on open deck in ships and offshore units, especially when lightweight screened cables are needed.

PHYSICAL PROPERTIES:

CORE IDENTIFICATION	Colour code for 1...4 core cables, number code for 5...37 core cables
MARINE TYPE APPROVALS	ABS, BV, CCS, CRS, DNV, KR, LR, RINA

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)
FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
OIL RESISTANCE (SHF2 only)	IEC 60811-404 conditions according to 60092-360/SHF2
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-40 - 80 °C fixed installation
MAXIMUM CONDUCTOR TEMPERATURE	90 °C

LKAM-HF 0.6/1 kV

Part number	G-type	No. of conductors x Conductor area (mm ²)	Nominal outer Ø (mm)	Weight kg/km	Current rating A	Min. bending radius mm (fixed)
27102	-	2 x 1.5	9.0	100	20	55
27106	27107	3 x 1.5	9.5	125	16	55
27110	27111	4 x 1.5	10.0	145	16	60
27114	27115	5 x 1.5	11.0	175	13	65
27118	27119	7 x 1.5	12.0	220	12	70
27140	27141	10 x 1.5	15.5	310	11	90
27122	27123	12 x 1.5	16.0	350	10	95
27144	27145	14 x 1.5	16.5	395	10	100
27148	27149	16 x 1.5	17.5	450	9	105
27126	27127	19 x 1.5	18.5	510	9	110
27130	27131	24 x 1.5	22.0	650	8	130
27134	27135	27 x 1.5	22.5	715	8	135
27155	27156	32 x 1.5	23.5	825	7	140
27136	27137	37 x 1.5	25.0	935	7	150
27104	-	2 x 2.5	9.5	125	26	60
27108	27109	3 x 2.5	10.5	160	21	60
27112	27113	4 x 2.5	11.0	195	21	65
27116	27117	5 x 2.5	12.5	240	17	75
27120	27121	7 x 2.5	13.5	300	16	80
27142	27143	10 x 2.5	17.5	435	14	105
27124	27125	12 x 2.5	18.0	495	13	105
27146	27147	14 x 2.5	18.5	560	13	110
27150	27151	16 x 2.5	19.5	630	12	120
27128	27129	19 x 2.5	21.0	740	11	125
27132	27133	24 x 2.5	25.0	935	10	150
27138	27139	27 x 2.5	25.5	1025	10	150
27157	27158	32 x 2.5	26.5	1195	9	160
27152	27153	37 x 2.5	28.5	1355	9	170

Standard length 1000 m

G-type with yellow/green earth conductor and G-marking on sheath e.g. 3G1.5

SHF2 on request. Part number for SHF2 cables 4 + code from above table → 4xxxxx

Other sizes on request.