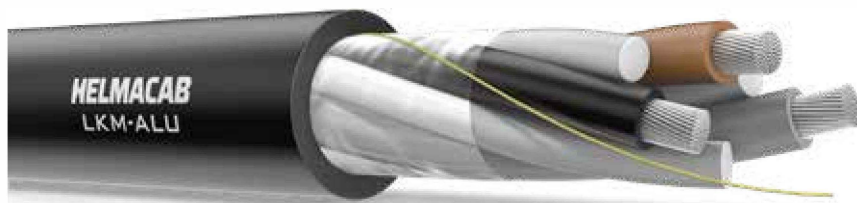


LKM-ALU

Unarmoured power and control cable 0.6/1 kV



• FLAME-RETARDANT • HALOGEN-FREE • LOW SMOKE EMISSION • OIL RESISTANT (SHF2 ONLY)

CONDUCTOR	Stranded aluminium conductor 35-185 mm ²	IEC 60228, class 2 fine stranded
INSULATION	XLPE	IEC 60092-360
CABLING/BEDDING	Cabling with optional fillers or dummy cores to obtain symmetrical and round construction	
SHEATH	Polyolefine plastic, SHF1 On request, thermosetting polyolefine, SHF2	IEC 60092-360
REFERENCE STANDARDS	IEC 60092-353, design	

APPLICATION

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

MAIN CHARACTERISTICS

FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
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)
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
MAX. CONDUCTOR TEMPERATURE	90 °C

LKM-ALU 0.6/1 kV

Part number		Number of conductors & cross-section n x mm ²	Nominal outer Ø mm	Weight kg/km	Current rating A	Min. bending radius fixed installation mm
Normal	G-type					
2820214010	---	1 x 35 mm ²	12.0	195	119	50
2820215010	---	1 x 50 mm ²	13.5	245	149	55
2820216010	---	1 x 70 mm ²	15.5	335	184	65
2820217010	---	1 x 95 mm ²	17.5	430	223	70
2820218010	---	1 x 120 mm ²	19.0	525	258	80
2820219010	---	1 x 150 mm ²	21.5	665	296	90
2820220010	---	1 x 185 mm ²	24.0	815	337	100
2820214020	---	2 x 35 mm ²	22.0	620	102	90
2820215020	---	2 x 50 mm ²	25.0	785	127	150
2820216020	---	2 x 70 mm ²	29.0	1080	157	180
2820217020	---	2 x 95 mm ²	33.5	1425	189	200
2820218020	---	2 x 120 mm ²	36.5	1730	219	225
2820219020	---	2 x 150 mm ²	41.0	2180	252	250
2820220020	---	2 x 185 mm ²	47.0	2775	287	285
2820214030	2820214031	3 x 35 mm ²	23.5	725	83	95
2820215030	2820215031	3 x 50 mm ²	27.0	930	104	165
2820216030	2820216031	3 x 70 mm ²	31.5	1295	128	190
2820217030	2820217031	3 x 95 mm ²	35.5	1680	156	215
2820218030	2820218031	3 x 120 mm ²	39.5	2085	180	240
2820219030	2820219031	3 x 150 mm ²	44.5	2595	207	270
2820220030	2820220031	3 x 185 mm ²	50.5	3295	236	305
2820214040	2820214041	4 x 35 mm ²	26.5	905	83	160
2820215040	2820215041	4 x 50 mm ²	30.0	1170	104	185
2820216040	2820216041	4 x 70 mm ²	35.0	1615	128	215
2820217040	2820217041	4 x 95 mm ²	40.0	2135	156	240
2820218040	2820218041	4 x 120 mm ²	44.0	2590	180	265
2820219040	2820219041	4 x 150 mm ²	49.5	3285	207	300
2820220040	2820220041	4 x 185 mm ²	56.0	4155	236	340
2820214050	2820214051	5 x 35 mm ²	29.0	1105	69	175
2820215050	2820215051	5 x 50 mm ²	33.0	1435	86	200
2820216050	2820216051	5 x 70 mm ²	39.0	2035	107	240
2820217050	2820217051	5 x 95 mm ²	44.0	2645	129	265
2820218050	2820218051	5 x 120 mm ²	49.0	3280	150	295
2820219050	2820219051	5 x 150 mm ²	55.0	4185	172	335
2820220050	2820220051	5 x 185 mm ²	62.5	5330	195	380