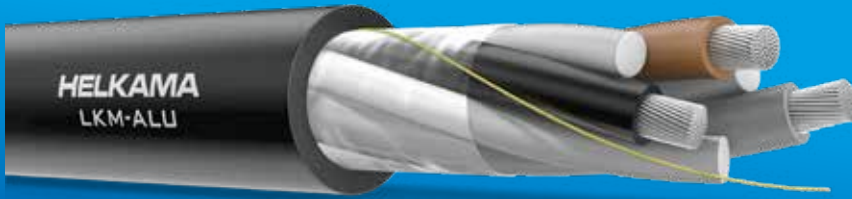


LKM-ALU

Unarmoured power and control cable 0.6/1 kV



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

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 Standard colour black, other colours on request	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 (ONLY SHF2)	IEC 60811-404 conditions according to 60092-360/SHF2
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-40 - 80 °C
MAX. CONDUCTOR TEMPERATURE	90 °C

Subject to change without prior notice. See latest update on our webpage.

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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

