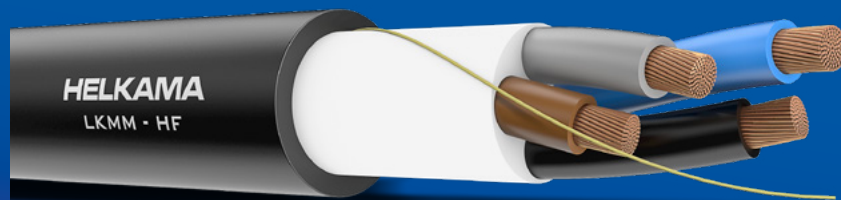


LKMM-HF

0.6/1 kV

Unarmoured power cable with extruded filler

0.6/1 kV CABLES



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

CONDUCTOR	Stranded copper conductor 1.5-10 mm ² , IEC 60228 Class 2 Stranded copper conductor 16-240 mm ² , IEC 60228 Class 5
INSULATION	XLPE
CABLING/BEDDING	Cabling, cores twisted together. Bedding, extruded filler.
RIP CORD	For conductors ≥ 16 mm ²
SHEATH	Polyolefine SHF1, IEC 60092-360 Thermosetting polyolefine SHF2 on request Standard colour black, other colours on request
REFERENCE STANDARD	IEC 60092-353

APPLICATION

Unarmoured power cable with extruded filler. For fixed installation in most areas, and on open deck in ships and offshore units.

PHYSICAL PROPERTIES:

CORE IDENTIFICATION	Colour code for 1...4 core cables, number code for 5 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

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

© 2022 Helkama Bica Oy. All rights reserved.

LKMM-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)
27532	-	2 x 1.5	9.0	125	20	35
27534	-	2 x 2.5	10.0	170	26	40
27536	-	2 x 4	11.0	225	34	45
27538	-	2 x 6	12.5	295	44	50
27540	-	2 x 10	14.5	440	61	60
27543	-	2 x 16 cl5	19.0	635	80	75
27545	-	2 x 25 cl5	23.5	955	105	95
27547	-	2 x 35 cl5	25.0	1290	130	150
27549	-	2 x 50 cl5	29.0	1755	167	175
27551	-	2 x 70 cl5	33.5	2400	204	200
27564	27566	3 x 1.5	9.5	140	16	35
27568	27570	3 x 2.5	10.5	190	21	45
27572	27574	3 x 4	12.0	260	28	45
27576	27578	3 x 6	13.5	360	36	55
27580	27582	3 x 10	15.5	530	50	60
27585	27587	3 x 16 cl5	20.0	765	66	80
27589	27591	3 x 25 cl5	24.5	1160	86	100
27593	27595	3 x 35 cl5	26.5	1555	107	160
27597	27599	3 x 50 cl5	30.5	2130	137	185
27601	27603	3 x 70 cl5	36.0	2985	168	215
27605	27607	3 x 95 cl5	39.5	3795	199	240
27609	27611	3 x 120 cl5	44.5	4775	232	265
27613	27615	3 x 150 cl5	51.0	6075	267	305
27617	27619	3 x 185 cl5	56.0	7405	300	335
27621	27623	3 x 240 cl5	63.0	9795	355	380
27628	27630	4 x 1.5	10.5	175	16	40
27632	27634	4 x 2.5	11.5	225	21	45
27636	27638	4 x 4	13.0	320	28	50
27640	27642	4 x 6	14.5	430	36	60
27644	27646	4 x 10	17.5	650	50	70
27649	27651	4 x 16 cl5	22.5	950	66	90
27653	27655	4 x 25 cl5	27.0	1425	86	165
27657	27659	4 x 35 cl5	29.5	1910	107	175
27661	27663	4 x 50 cl5	34.5	2655	137	205
27665	27667	4 x 70 cl5	40.0	3680	168	240
27692	27694	5 x 1.5	11.5	205	13	45
27696	27698	5 x 2.5	12.5	270	17	50
27700	27702	5 x 4	14.5	360	23	55
27704	27706	5 x 6	16.5	515	30	65
27708	27710	5 x 10	19.0	770	42	75
27713	27715	5 x 16 cl5	24.0	1160	55	95
27717	27719	5 x 25 cl5	30.0	1760	71	180

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.