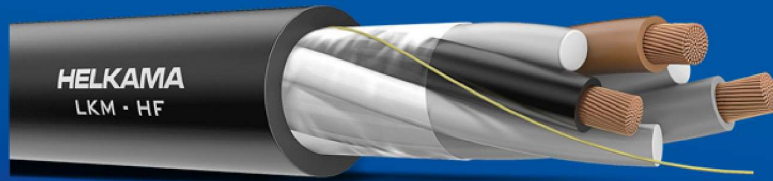


LKM-HF

0.6/1 kV

Unarmoured power and control cable



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

CONDUCTOR	Stranded copper conductor 1.0-10 mm ² , IEC 60228 Class 2 Stranded copper conductor 16-300 mm ² , IEC 60228 Class 5
INSULATION	XLPE
CABLING	Cores twisted together, with optional fillers or dummy cores to obtain symmetrical and round construction, covered by separator tape
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 and control cable. 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...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

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

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LKM-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)
25580	-	1 x 1.0	5.0	35	18	25
25636	28396	1 x 1.5	5.5	40	23	25
25638	27000	1 x 2.5	5.5	55	30	25
25640	27002	1 x 4	6.5	70	40	30
25642	27004	1 x 6	7.0	95	52	30
25644	27006	1 x 10	8.0	140	72	35
25647	27009	1 x 16 cl5	9.0	190	94	40
25649	27011	1 x 25 cl5	11.5	290	123	50
25651	27013	1 x 35 cl5	12.5	385	153	50
25653	27015	1 x 50 cl5	14.5	530	196	60
25655	27017	1 x 70 cl5	16.5	740	240	70
25657	27019	1 x 95 cl5	18.0	955	284	75
25659	27021	1 x 120 cl5	20.0	1200	331	85
25661	27023	1 x 150 cl5	23.0	1515	381	95
25663	27025	1 x 185 cl5	25.5	1840	429	155
25665	27027	1 x 240 cl5	28.5	2445	507	175
26047	27029	1 x 300 cl5	31.5	3015	582	190
25581	-	2 x 1.0	8.0	65	15	35
25670	-	2 x 1.5	8.5	80	20	35
25686	-	2 x 2.5	9.5	115	26	40
25702	-	2 x 4	10.5	155	34	45
25701	-	2 x 6	12.0	240	44	50
25717	-	2 x 10	14.0	360	61	60
26054	-	2 x 16 cl5	17.0	515	80	70
26055	-	2 x 25 cl5	21.0	790	105	85
26056	-	2 x 35 cl5	23.0	1045	130	95
26057	-	2 x 50 cl5	26.5	1445	167	165
26058	-	2 x 70 cl5	31.0	1985	204	190
26059	-	2 x 95 cl5	34.5	2630	241	210
25582	28957	3 x 1.0	8.0	85	13	35
25671	25672	3 x 1.5	9.0	100	16	40
25688	25689	3 x 2.5	10.0	145	21	45
25703	25704	3 x 4	11.5	200	28	50
25705	25706	3 x 6	13.0	310	36	55
25707	25708	3 x 10	15.0	465	50	65
26071	26072	3 x 16 cl5	18.0	650	66	75
26073	26074	3 x 25 cl5	22.5	1005	86	90
26075	26076	3 x 35 cl5	24.5	1320	107	100
26077	26078	3 x 50 cl5	29.0	1860	137	175
26079	26080	3 x 70 cl5	33.5	2605	168	205
26081	26082	3 x 95 cl5	37.0	3375	199	225
26083	26085	3 x 120 cl5	42.0	4290	232	255
26084	26086	3 x 150 cl5	48.0	5410	267	290
26087	26088	3 x 185 cl5	53.0	6635	300	320
26089	26090	3 x 240 cl5	60.0	8775	355	360
26099	26100	3 x 300 cl5	67.0	10960	407	405
25583	28398	4 x 1.0	9.0	100	13	40
25673	25674	4 x 1.5	10.0	135	16	45

Standard length 1000 m

Table continues on next page

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

LKM-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)
25690	25691	4 x 2.5	11.0	180	21	45
25725	25726	4 x 4	12.5	260	28	55
25727	25728	4 x 6	14.0	385	36	60
25729	25730	4 x 10	16.5	585	50	70
26101	26102	4 x 16 cl5	20.0	820	66	80
26103	26104	4 x 25 cl5	25.0	1265	86	155
26105	26106	4 x 35 cl5	27.0	1690	107	165
26107	26108	4 x 50 cl5	32.0	2390	137	195
26109	26110	4 x 70 cl5	37.0	3315	168	225
26111	26112	4 x 95 cl5	41.5	4320	199	250
26113	26114	4 x 120 cl5	46.5	5450	232	280
26115	26116	4 x 150 cl5	53.5	6915	267	325
26117	26118	4 x 185 cl5	59.0	8470	300	355
25584	28399	5 x 1.0	10.0	135	10	45
25676	25677	5 x 1.5	11.0	165	13	45
25692	25693	5 x 2.5	12.0	220	17	50
25864	25865	5 x 4	13.5	320	23	55
25866	25867	5 x 6	15.5	480	30	65
25868	25869	5 x 10	18.5	725	42	75
26131	26132	5 x 16 cl5	22.0	1000	55	90
26133	26134	5 x 25 cl5	27.5	1575	71	170
26135	26136	5 x 35 cl5	30.0	2115	89	185
26137	26138	5 x 50 cl5	35.5	2960	114	215
26139	26140	5 x 70 cl5	41.5	4160	139	250
26145	26146	5 x 95 cl5	46.0	5440	165	280
25585	28400	7 x 1.0	11.0	160	9	45
25586	28401	10 x 1.0	14.0	235	8	60
25587	28402	12 x 1.0	14.5	260	8	60
25588	28403	14 x 1.0	15.0	295	7	65
25589	28404	16 x 1.0	16.0	335	7	65
25590	28405	19 x 1.0	17.0	380	7	70
25592	28407	24 x 1.0	20.0	485	6	80
25593	28408	27 x 1.0	20.5	530	6	85
25597	28409	30 x 1.0	21.0	575	5	85
25595	28411	37 x 1.0	23.0	705	5	95
25678	25679	7 x 1.5	12.0	205	12	50
25667	25668	10 x 1.5	15.0	295	11	65
25680	25681	12 x 1.5	15.5	340	10	65
25991	25992	14 x 1.5	16.5	385	10	70
25989	25990	16 x 1.5	17.5	435	9	70
25682	25683	19 x 1.5	18.5	500	9	75
25875	25876	24 x 1.5	22.0	640	8	90
25684	25685	27 x 1.5	22.5	700	8	90
-	-	30 x 1.5	23.0	765	7	95
25675	25687	37 x 1.5	25.0	925	7	155
25694	25695	7 x 2.5	13.5	285	16	55
25993	25994	10 x 2.5	17.0	410	14	70
25696	25874	12 x 2.5	17.5	465	13	75

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

Table continues on next page

LKM-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)
25995	25996	14 x 2.5	18.5	540	13	75
25997	25998	16 x 2.5	19.5	610	12	80
25873	25872	19 x 2.5	20.5	690	11	85
25877	25878	24 x 2.5	24.5	900	10	100
26141	26142	27 x 2.5	25.5	990	10	155
-	-	30 x 2.5	26.0	1085	10	160
26143	26144	37 x 2.5	28.5	1310	9	175

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.



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