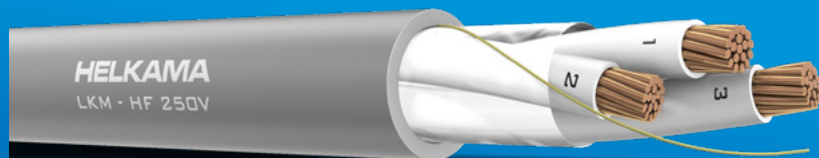


LKM-HF

250 V

Unarmoured control and instrumentation cable



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

CONDUCTOR	Stranded flexible copper conductor, IEC 60228 Class 5
INSULATION	XLPE
CABLING	Cores twisted together, covered by separator tape
SHEATH	Polyolefine SHF1, IEC 60092-360 Thermosetting polyolefine SHF2 on request Standard colour grey, other colours on request
REFERENCE STANDARD	IEC 60092-376

APPLICATION

Unarmoured control and instrumentation cable. For fixed installation in most areas, and on open deck in ships and offshore units. If the cable is exposed to direct sunlight, protective covering or cable with black outer sheath is recommended.

PHYSICAL PROPERTIES:

CORE IDENTIFICATION	Number code for core cables
MARINE TYPE APPROVALS	ABS, BV, CCS, CRS, DNV, KR, LR, RINA

MAIN CHARACTERISTICS:

RATED VOLTAGE	150/250 V (300 V)
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

LKM-HF 250 V

Part number	No. of conductors x Conductor area (mm ²)	Nominal outer Ø (mm)	Weight kg/km	Current rating A	Min. bending radius mm (fixed)
27821	2 x 0.5	5.5	35	8.7	25
27822	3 x 0.5	6.0	45	7.6	25
27823	4 x 0.5	6.5	55	6.9	25
27824	5 x 0.5	7.5	65	6.4	30
27825	7 x 0.5	7.5	75	5.8	30
27826	10 x 0.5	9.5	115	5.1	40
27827	12 x 0.5	10.0	125	4.8	40
27828	14 x 0.5	10.0	140	4.6	40
27829	16 x 0.5	11.0	160	4.4	45
27830	19 x 0.5	11.0	180	4.1	45
27831	20 x 0.5	12.0	190	4.1	45
27832	24 x 0.5	13.0	225	3.8	55
27833	27 x 0.5	13.5	245	3.7	55
27834	32 x 0.5	14.0	280	3.5	55
27835	37 x 0.5	15.0	315	3.3	60
26365	2 x 0.75	6.5	50	11.3	25
26366	3 x 0.75	7.0	60	9.8	25
26367	4 x 0.75	7.5	70	8.9	30
26368	5 x 0.75	8.0	85	8.3	30
26369	7 x 0.75	8.5	105	7.4	35
26370	10 x 0.75	11.0	155	6.6	45
26371	12 x 0.75	11.5	175	6.2	45
26372	14 x 0.75	12.5	200	5.9	50
26373	16 x 0.75	13.0	225	5.6	50
26374	19 x 0.75	13.5	255	5.3	55
26375	20 x 0.75	14.5	275	5.2	55
26376	24 x 0.75	16.0	320	4.9	65
26377	27 x 0.75	16.0	350	4.7	65
26378	32 x 0.75	16.5	400	4.5	65
26379	37 x 0.75	18.0	460	4.3	75

Standard length 1000 m

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

Other sizes on request.