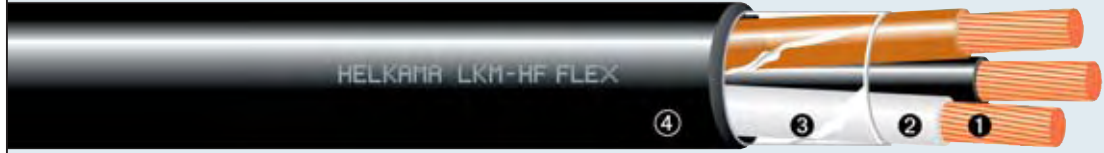


LKM-HF FLEX

Unarmoured power cable with flexible conductor 0,6/1kV



DESIGN:	STANDARDS:
	IEC 60092-353, design
1. Conductor - stranded copper conductor	IEC 60228, class 5
2. Insulation - XLPE plastic	IEC 60092-351
3. Bedding - separator tape	
4. Sheath - polyolefine plastic, SHF1 - standard colour black, other colours on request	IEC 60092-359

Flame-retardant	<input checked="" type="checkbox"/>
Fire-resistant	<input type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
Low smoke emission	<input checked="" type="checkbox"/>

Application: For fixed installation in most areas and on open deck in ships.

Note! This cable is not designed for movable or portable applications. Flexible conductor cables ease the installation in areas involving tight bending radius or high vibration.

Main characteristics

Rated voltage	AC 0,6/1kV (1,2kV) DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV)
Maximum conductor temperature	+ 90 °C
Flame-retardant	IEC 60332-1-2 -test for single insulated wire and cable IEC 60332-3-22 -test for bunched wires and cables, category A
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series
For details see general information section	

Minimum recommended installation temperature -15 °C
Lowest operation temperature -40 °C

Core identification: see technical information section

Identification: Lot number, cable type, cable size, voltage, temperature, standards, production month, manufacturer's name and meter marking printed on the sheath

LKM-HF FLEX 0,6/1kV		Number of conductors & cross-section n x mm ²	Nominal outer diameter mm	Approximate weight kg/km	Current Rating A at +45°C	Min. bending radius fixed installation mm
Part number Normal	G-type					
25647	27009	1x16	9,0	185	94	40
25649	27011	1x25	11,5	290	123	50
25651	27013	1x35	12,5	385	153	50
25653	27015	1x50	14,5	540	196	60
25655	27017	1x70	17,0	750	240	70
25657	27019	1x95	19,5	975	284	80
25659	27021	1x120	21,5	1225	331	90
25661	27023	1x150	24,5	1545	381	100
25663	27025	1x185	27,0	1880	429	165
25665	27027	1x240	30,5	2495	507	185
26047	27029	1x300	33,0	3055	582	200
26054	–	2x16	16,5	490	80	70
26055	–	2x25	20,5	755	105	85
26056	–	2x35	23,0	1035	130	95
26057	–	2x50	27,5	1455	167	170
26058	–	2x70	31,5	1995	204	190
26071	26072	3x16	17,5	625	66	75
26073	26074	3x25	22,0	970	86	90
26075	26076	3x35	25,0	1325	107	100
26077	26078	3x50	29,5	1880	137	180
26079	26080	3x70	34,5	2615	168	210
26081	26082	3x95	40,0	3455	199	240
26083	26085	3x120	44,5	4365	232	270
26084	26086	3x150	50,5	5485	267	305
26087	26088	3x185	57,0	6800	300	345
26101	26102	4x16	19,5	800	66	80
26103	26104	4x25	24,5	1250	86	100
26105	26106	4x35	27,5	1695	107	170
26107	26108	4x50	33,0	2420	137	200
26109	26110	4x70	38,0	3350	168	230
26111	26112	4x95	44,5	4465	199	270
26113	26114	4x120	49,5	5590	232	300
26131	26132	5x16	21,5	970	55	90
26133	26134	5x25	27,5	1545	71	165
26135	26136	5x35	30,5	2100	89	185
26137	26138	5x50	37,0	2980	114	225
26139	26140	5x70	42,5	4175	139	260

G-type is with yellow/green earth conductor and marking on sheath is, for example, 3G16

