

LKEM-HF Switchboard wire

0,6/1kV



DESIGN:	STANDARDS: IEC 60092-353, design
1. Conductor - stranded flexible copper conductor	IEC 60228, class 5
2. Insulation - HF90 plastic - standard colour black, other colours on request - on request, oil resistant thermosetting polyolefine, SHF2	IEC 60092-360

Flame-retardant	☒
Fire-resistant	☐
Halogen-free	☒
Low smoke emission	☒
Oil resistant (only SHF2)	☒

Application: For fixed wiring in switchboards, control panels and other enclosures.

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
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series

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

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



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 +44 (0) 191 410 4292
www.powerandcables.com

LKEM-HF 0,6/1kV	Number of conductors & cross-section n x mm²	Nominal outer diameter mm	Approximate weight kg/km	Current Rating A at +45°C	Min. bending radius fixed installation mm
Part number					
25117*	1x0,5	2,3	10	11	10
25120	1x0,75	2,7	14	14	15
25121	1x1,0	2,8	17	17	15
25122	1x1,5	3,1	21	22	15
25124	1x2,5	3,6	32	30	15
25125	1x4	4,1	45	39	20
25126	1x6	4,7	63	50	20
25128	1x10	5,7	103	71	25
25130	1x16	6,7	153	94	30
25132	1x25	8,6	241	123	35
25134	1x35	9,7	330	153	40
25136	1x50	11,9	472	196	50
25138	1x70	13,7	665	240	55
25165	1x95	16,2	879	284	65
25166	1x120	18,2	1116	331	75
25279	1x150	20,8	1411	381	85
25281	1x185	23,3	1736	429	95
25283	1x240	26,8	2336	507	110
25285	1x300	28,9	2876	582	120

* Rated voltage 300/500V

Other sizes on request.

Available in colours:

blue, dark blue, black, brown, red, yellow, green, yellow/green, grey, orange, violet and white

Other colours on request

Delivery lengths:

0,5 mm², 0,75 mm², 1 mm², 1,5 mm² and 2,5 mm² available in 200 m boxes or 500 m drums

4 mm² available in 100 m boxes or 500 m drums

6 mm² available in 100 m coils or 500 m drums

Part number for oil resistant SHF2 cable:

4 + code from above table → 4xxxxx



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