


LKEM-HF Switchboard wire

0,6/1kV



DESIGN:	STANDARDS:	
	IEC 60092-353, design	
1. Conductor		
- stranded flexible copper conductor	IEC 60228, class 5	Flame-retardant <input checked="" type="checkbox"/> Fire-resistant <input type="checkbox"/> Halogen-free <input checked="" type="checkbox"/> Low smoke emission <input checked="" type="checkbox"/>
2. Insulation		
- HF90 plastic - standard colour black, other colours on request	IEC 60092-351	

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

Main characteristics

Rated voltage	0,6/1kV (1,2kV)
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: Cable type, cable size, voltage and manufacturer's name

LKEM-HF

Number of conductors & cross-section n x mm ²	Nominal outer diameter mm	Approximate weight kg/km	Current rating A	Min. bending radius fixed installation mm
1x0,75	2,7	13	14	15
1x1,0	2,8	16	17	15
1x1,5	3,1	21	21	15
1x2,5	3,6	31	30	15
1x4	4,2	47	40	20
1x6	4,9	70	51	20
1x10	5,8	105	71	25
1x16	7,3	161	95	30
1x25	9,2	260	125	40
1x35	10,6	352	155	45
1x50	12,7	503	190	55
1x70	15,1	714	240	65
1x95	17,2	929	290	70
1x120	19,0	1166	340	75

