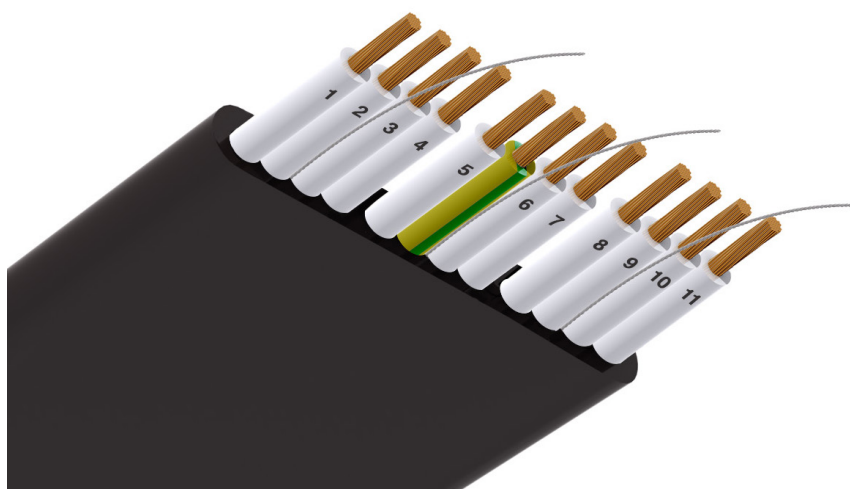


FLAT TRAVELLING CABLE

LSOH



INFORMATION

Applications	Flexible suspended power cable for control of cranes, elevators. Also in applications where cables are in permanent moving. Suitable for dry, humid and for outdoor use.
Special Features	Significant smaller radius compared to round cables. Good protection to people. Halogen-free. LSOH=Low Smoke Zero Halogen.
Remarks	Conform to RoHS Conform to 2006/95/EC-Guideline CE
Conductor material	Bare copper strand
Conductor class	Cu class 5 acc. to IEC 60228
Core insulation	XLPE
Core identification	acc. To VDE 0293-308 up to 5 wires coloured, from 6 wires white with black numerals with GNYE
Stranding	Cores parallel side by side
Outer sheath	Special compound
Sheath colour	Black
Printing	Yes
Rated voltage	U0/U 0.6/1kV
Testing voltage	LSOH: 2.5 KV
Current carrying capacity	acc. to DIN VDE ,see Technical Guideline
Min.bending radius fixed	LSOH: 10x d
Min.bending radius moved	LSOH: 10x d
Suspension height	max. 35 m
Operat.temp.fixed min/max	-40°C/+70°C
Operat. temp. moved min/max	-25°C/ +70°C
Temp.at conductor	+90°C
Halogen free	acc. To IEC 60754-1
Smoke density	acc. To IEC 61034-2
Burning behaviour	Vertical flame propagation test for cables laid in layers: IEC 60332-3-24:2018 category C. Vertical flame propagation test: IEC 60332-1-2:2025
Standard	similar to DIN VDE 0250

PRODUCT INFORMATION

Nº of conductors	4			8		12
Section mm²	1.5	2.5	6	1.5	2.5	1.5
Dimension approx. mm	5.3 x 16.1	5.8 x 18.1	7.6 x 25.0	5.3 x 27.7	5.8 x 34.0	5.5 x 41.5
Cu index Kg/Km	57.6	96.0	203.4	115.2	192.0	172.8
Weight Kg/Km	150	202	405	272	387	410