

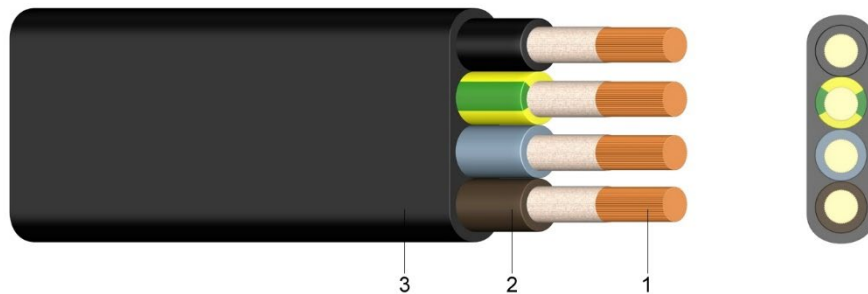
LSOH flat cable

Flat cable, 450/750 V
+70 °C service temperature, zero halogen, oil and UV resistant
adapted to DIN VDE 0250

Application

Flat, zero halogen, flexible power and control cable for use on festoon systems and for connecting moveable parts of machine tools especially on hoisting devices, lifts, cranes and gantries.
For bending in one plane only. Overlaying cables is not recommended when installing.

Construction



- | | |
|----------------------|--|
| 1. Conductor: | Copper conductor, bare, flexible (class 5) |
| 2. Insulation: | Special compound |
| Core identification: | According to HD 308 S2 |
| 3. Outer sheath: | Special compound, black |

Technical information

Operating voltage	450/750 V
Test voltage	2,5 kV
Max. permissible temperature at conductor	90 °C
Operating temperature	-25 °C to 70 °C
Min. bending radius mm	10 x outer diameter in mm
Suspension height	max. 35 m

Safety parameters

Flame spread	single cable	IEC 60332-1
Zero halogen		IEC 60754-1
Smoke density		IEC 61034-2

Additional parameters

Oil resistant	EN 60811-2-1
UV resistant	

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N° of cores and cross section mm ²	Outer diameter approx. mm	Weight approx. kg/km
24 G 1	4,4 x 64,8 - 5,1 x 71,7	630
4 G 1,5	5,1 x 14,7 - 5,8 x 16,9	110
8 G 1,5	5,1 x 26,8 - 5,8 x 30,5	220
10 G 1,5	5,1 x 40,3 - 5,8 x 43,6	320
12 G 1,5	5,1 x 14,7 - 5,8 x 16,9	110
4 G 2,5	5,2 x 17,4 - 6,0 x 19,2	170
5 G 2,5	5,2 x 20,9 - 6,0 x 23,3	220
8 G 2,5	5,2 x 32,4 - 6,0 x 35,6	330
12 G 2,5	5,2 x 48,0 - 6,0 x 52,3	490
4 G 4	6,3 x 20,8 - 7,5 x 23,4	250
4 G 6	7,4 x 23,2 - 8,1 x 26,6	330
4 G 10	9,2 x 28,3 - 10,0 x 30,6	550
4 G 16	10,0 x 32,3 - 11,6 x 36,9	800
4 G 25	12,1 x 40,7 - 12,9 x 43,3	1.350
4 G 35	13,5 x 46,0 - 14,5 x 49,0	1.800
4 G 50	17,6 x 55,2 - 18,8 x 58,8	2.400
4 G 70	18,0 x 63,0	3.250

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.