

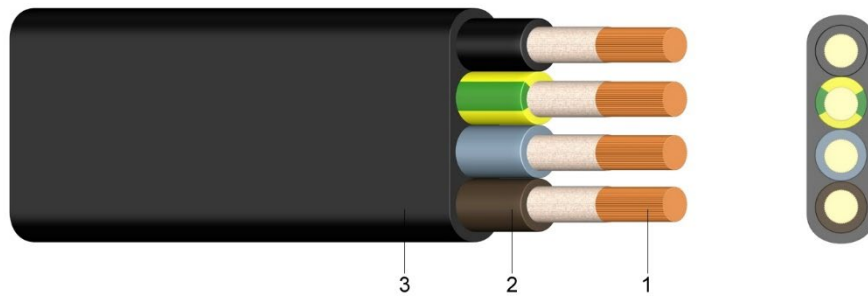
H07VVH6-F

Flat cable, 450/750 V
+70 °C service temperature, PVC sheathed, oil and UV resistant
EN 50214 and VDE 0283-2

Application

Flat, PVC sheathed, 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: | PVC |
| Core identification: | According to HD 308 S2 |
| 3. Outer sheath: | PVC, black |

Technical information

Operating voltage	450/750 V
Test voltage	2,5 kV
Max. permissible temperature at conductor	70 °C
Operating temperature	-25 °C to 60 °C
Min. bending radius mm	7,5 x outer diameter in mm

Safety parameters		
Flame spread	single cable	IEC 60332-1

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
H07VVH6-F		
4 G 1,5	5,4 x 15,5	135
5 G 1,5	5,4 x 18,4	140
7 G 1,5	5,4 x 27,3	2650
8 G 1,5	5,4 x 29	265
10 G 1,5	5,4 x 35,8	350
12 G 1,5	5,4 x 42,5	395
14 G 1,5	5,4 x 52,5	565
16 G 1,5	5,4 x 57,0	660
18 G 1,5	5,4 x 62,0	738
24 G 1,5	5,4 x 83,0	850
4 G 2,5	6,7 x 19,0	195
5 G 2,5	6,7 x 21,6	275
7 G 2,5	6,7 x 32,0	340
8 G 2,5	6,7 x 35,0	380
10 G 2,5	6,7 x 49,5	570
12 G 2,5	6,7 x 100,0	950
4 G 4	7,2 x 21,5	290
5 G 4	7,2 x 24,0	380
7 G 4	7,2 x 35,7	570
4 G 6	8,0 x 23,8	395
5 G 6	8,0 x 28,5	500
7 G 6	8,0 x 40,0	750
4 G 10	9,9 x 30,0	615
5 G 10	9,9 x 37,5	850
4 G 16	11,0 x 35,0	935
5 G 16	11,0 x 48,0	1250
(H)07VVH6-F		
4 G 25	13,5 x 43,0	1350
4 G 35	15,0 x 48,0	2150
4 G 50	17,0 x 56,0	3000
4 G 70	20,0 x 66,0	4150
4 G 95	21,7 x 77,0	4875

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