



## Construction:

1. Conductor : fine-stranded bare copper .
2. Core insulation : polyvinylchloride (PVC), cores are laid up parallel.
3. Outer sheath : soft polyvinylchloride (PVC), black.

## Technical data and tests:

- Nominal voltage  $U_0/U$  : 450 / 750 V.  
Test voltage : 2500 V (AC).  
Temperature range : motion :  $-5^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  ;  
fixed :  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  .  
Operating temperature :  $160^{\circ}\text{C}$  (short circuit).  
Short circuit time : 5 seconds max.  
Bending radius : min. 10 x diameter.
- Cable standard : DIN VDE 0281-404.  
Construction : DIN EN 60228 class 5.  
Core identification : HD 308 S2.  
Flammability : EN 60332-1-2.

## Applications:

This cable should be used in dry and humid locations and not in open-air; it can withstand low and medium level mechanical loads. This cable is suitable for connecting movable parts of machine tools, material handling equipment and large machines as long as it is exposed to bending in only one plane. Cables with more than 5 cores grouped with individual groups are separated by a stay.



**HALLEY CABLES**

**H07VVH6-F**

PVC flat cable that can be subjected to a medium level  
of mechanical stress

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## DIMENSIONS

Number of cores and nominal cross section mm <sup>2</sup>	Copper weight kg/km	Conductor construction (approx) mm	Overall diameter (approx) mm	Weight (approx) kg/km
4 G 1,5	60	30 x 0,26	5,0 x 15,0	150
5 G 1,5	75	30 x 0,26	5,0 x 18,0	180
7 G 1,5	105	30 x 0,26	5,0 x 27,0	265
8 G 1,5	120	30 x 0,26	5,0 x 29,0	295
10 G 1,5	150	30 x 0,26	5,0 x 36,0	355
12 G 1,5	180	30 x 0,26	5,0 x 41,0	415
4 G 2,5	100	50 x 0,26	5,7 x 18,5	250
5 G 2,5	125	50 x 0,26	5,7 x 22,0	280
7 G 2,5	175	50 x 0,26	5,7 x 33,5	385
8 G 2,5	200	50 x 0,26	5,7 x 37,0	430
12 G 2,5	300	50 x 0,26	5,7 x 51,0	630
4 G 4	160	56 x 0,31	6,9 x 21,5	320
5 G 4	200	56 x 0,31	6,9 x 26,0	390
7 G 4	280	56 x 0,31	6,9 x 38,0	560
4 G 6	240	84 x 0,31	7,6 x 24,5	430
5 G 6	300	84 x 0,31	7,6 x 29,5	530
4 G 10	400	80 x 0,41	9,6 x 31,0	690
4 G 16	640	128 x 0,41	10,9 x 35,5	970
4 G 25	1000	200 x 0,41	12,7 x 41,5	1405
4 G 35	1400	280 x 0,41	15,7 x 49,0	2035
4 G 50	2000	400 x 0,41	19,1 x 61,5	3000

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