

# H07VVH6-F 450/750V

PVC insulated flat cable



## Application

Power and control cable for trolley systems, transfer lines, machine-tools especially on hoisting devices, lift, crane and container bridges. Also in applications where cables are bended strongly in permanent moving operation in one level. Suitable for dry, humid and wet rooms comply to IEC 60227-6.

## Construction

- Conductor** : Stranded bare Cu conductor, fine wire
- Conductor structure** : Stranding according to IEC 60228, Class 5
- Insulation** : PVC
- Insulation identification** : acc. to DIN VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals with or without green - yellow
- Sheath** : PVC outer sheath
- Sheath color** : Black color, RAL 9005
- Rated voltage** : 450/750 V
- Test voltage** : 2500 VAC
- Temp. range** : Moved = -20°C to 80°C  
: Unmove = -30°C to 80°C
- Bending radius** : acc. to DIN VDE 0298 part 3
- Flame retardant** : IEC-60332-1

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Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm <sup>2</sup> )	(mm)	(kg/km)
4G 1.5	5.2 x 16.7	170
8G 1.5	5.2 x 29.1	311
12G 1.5	5.2 x 42.6	462
14G 1.5	5.2 x 48.8	520
16G 1.5	5.2 x 56.0	618
18G 1.5	5.2 x 61.8	710
24G 1.5	5.5 x 83.0	815
4G 2.5	5.9 x 20.2	242
8G 2.5	5.9 x 35.1	444
12G 2.5	5.9 x 51.4	660
24G 2.5	5.9 x 102.0	1190

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Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm <sup>2</sup> )	(mm)	(kg/km)
4G 4	6.9 x 22.6	336
4G 6	7.4 x 25.0	438
4G 10	9.3 x 30.7	693
4G 16	10.6 x 35.5	990
4G 25	12.5 x 40.8	1429
4G 35	13.9 x 46.4	1900
4G 50	15.9 x 54.0	2623
4G 70	17.6 x 60.9	3475
4G 95	19.8 x 69.7	4617