

# PVC Flat Cable H07VVH6-F, 450/750V

according to HD 359 S2, IEC 60227 Part 6

## Application

Suitable for use as trailing cable for cranes, hoisting and lifting gear, conveyor plant and as feed cable for mobile machine components. Installation in dry, moist and wet rooms. (other types, ie. Without protective conductor, screened and H05VVH6-F)



Construction	
Conductor	Bare copper, finely stranded wire conductor IEC 60228 cl.5
Insulation	PVC core insulation
Cores identification	Cores in colour code according to HD 308 S2 (cores laying parallel) 4 cores: grey – black – brown – G/Y 7 cores & above: black with white printed numbers + green/yellow
Outer sheath	PVC outer sheath black colour
	Oil, acid & alkaline resistant; moisture, UV & ozone resistance; PVC self-extinguishing and flame retardant according to IEC 60332-1
Technical Data	
Nominal voltage	450/750 V
Test voltage	2500 V
Temperature range	Flexing: -5°C to +70°C                      Fixed installation: -40°C to +80°C
Min. bending radius	10 x cable thickness

## Specifications

No of cores x cross sec.	Overall diameter	Approx. cable weight		No of cores x cross sec.	Overall diameter	Approx. cable weight
mm <sup>2</sup>	mm	Kg/km		mm <sup>2</sup>	mm	Kg/km
4 x 1.5	5.0 x 14.5	130		4 x 4.0	6.5 x 20.2	270
5 x 1.5	5.0 x 17.3	160		5 x 4.0	6.5 x 24.6	280
7 x 1.5	5.0 x 25.3	230		7 x 4.0	6.5 x 35.6	480
8 x 1.5	5.0 x 27.8	260		4 x 6.0	7.4 x 22.2	355
10 x 1.5	5.0 x 33.7	340		5 x 6.0	7.4 x 26.6	530
12 x 1.5	5.0 x 39.5	385		7 x 6.0	7.4 x 43.0	750
13 x 1.5	5.0 x 43.5	430		4 x 10	9.3 x 27.8	580
14 x 1.5	5.0 x 46.5	480		5 x 10	9.3 x 34.9	780
16 x 1.5	5.0 x 51.9	510		4 x 16	10.8 x 35.5	905
18 x 1.5	5.0 x 59.3	620		5 x 16	11.1 x 43.5	1,130
24 x 1.5	5.0 x 83.0	790		4 x 25	13.5 x 40.8	1,340
4 x 2.5	5.9 x 17.5	185		5 x 25	16.0 x 56.0	1,730
5 x 2.5	5.9 x 21.0	240				
7 x 2.5	5.9 x 31.0	340				
8 x 2.5	5.9 x 33.0	375				
10 x 2.5	5.9 x 42.5	510				
12 x 2.5	5.9 x 49.0	574				
24 x 2.5	5.9 x 102.0	1,190				



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