

H05VVH6-F 300/500V

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

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	: 300/500 V
Test voltage	: 2000 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

H05VVH6-F (300/500V)		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
4G 0.75	4.2 x 13.0	100
8G 0.75	4.2 x 25.5	190
12G 0.75	4.2 x 33.5	260
16G 0.75	4.2 x 45.0	350
18G 0.75	4.2 x 51.0	400
20G 0.75	4.2 x 54.5	430
24G 0.75	4.2 x 65.0	510

H05VVH6-F (300/500V)		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
4G 1	4.4 x 13.5	115
5G 1	4.4 x 16.0	135
8G 1	4.4 x 26.5	220
12G 1	4.4 x 36.0	310
18G 1	4.4 x 55.0	470
24G 1	4.4 x 70.0	600
3x(G4 1)	4.4 x 19.5	300
4x(G4 1)	4.4 x 25.6	400

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

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

H07VVH6-F 450/750V		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
4G 1.5	5.2 x 16.7	170
5G 1.5	5.2 x 20.8	215
8G 1.5	5.2 x 29.1	311
12G 1.5	5.2 x 42.6	462
18G 1.5	5.2 x 61.8	710
16G 1.5	5.2 x 56.0	618
24G 1.5	5.5 x 83.0	815
4G 2.5	5.9 x 20.2	242
5G 2.5	5.9 x 25.4	307
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

H07VVH6-F 450/750V		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
4G 4	6.9 x 22.6	336
7G 4	6.9 x 37.8	583
4G 6	7.4 x 25.0	438
7G 6	7.4 x 42.9	785
4G 10	9.3 x 30.7	693
7G 10	9.6 x 55.4	1233
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