

H07VVH6-F



INFORMATION

Applications Flexible Cable suspended for maneuver control crane installations.

Standard	UNE-EN 50214 UNE-EN 60332-1-2 IEC 60332-1-2 (flame propagation) IEC 60227-6
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Conductor Flexible Cu class 5 according to UNE 60228. IEC 60228

Rated voltage 450 - 750V

Minimum temperature -0°C

Max. service temperature 70°C

Travel speed 1.6 m/seg

Recommended suspension lenght Free 35 m Fixed 70 m

Colour Black

Insulation and sheathing PVC

N° of conductors

4

Section mm ²	1.5	2.5	4	6	10	16	25
Copper composition	24hx0.26 mm	40hx0.26 mm	48hx0.31 mm	72hx0.31 mm	69hx0.41 mm	108hx0.41 mm	167hx0.41 mm
Insulated conductor diameter	3 mm	3.50 mm	4.10 mm	4.80 mm	6.05 mm	7.25 mm	8.85 mm

Colour conductors

Brown, A/V, Black, Grey

Resistencia max. electrical	13.3 Ohm/Km	7.98 Ohm/Km	4.95 Ohm/Km	3.3 Ohm/Km	1.91 Ohm/Km	1.21 Ohm/Km	0.78 Ohm/Km
Dimension mm	4.5x14.5	5.2x17.4	6.2x19.6	6.9x21.8	8.5x26.6	9.8x31.4	11.5x37.9
	5.8x15.6	6.0x18.2	6.9x20.0	7.2x22.8	10.0x29.0	11.0x35.0	13.5x46.0
Diameter flex.	420 mm		520 mm				
Bending radius mm	10 x Cable height						
Suspension elements	None						
Test voltage	2500 V						

N° of conductors	6		8		10		12		14	16	18	24
Section mm²	1.5	2.5	1.5	2.5	1.5	2.5	1.5	2.5	1.5			
Composition copper	24 h x 0.26 mm	40 h x 0.26 mm	24 h x 0.26 mm	40 h x 0.26 mm	24 h x 0.26 mm	40 h x 0.26 mm	24 h x 0.26 mm	40 h x 0.26 mm	24 h x 0.26 mm			
Insulated conductor diameter approx.	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3.50 mm	3 mm	3.50 mm	3 mm			
Colour conductors	White black numbers, green/yellow											
Max. electrical resistance	13.3 Ohm/ Km	7.98 Ohm/ Km	13.3 Ohm/ Km	7.98 Ohm/ Km	13.3 Ohm/ Km	7.98 Ohm/ Km	13.3 Ohm/ Km	7.98 Ohm/ Km	13.3 Ohm/Km			
Dimension mm	4.5x20.8 5.8x23	5.2x25.6 6.0x28.6	4.5x26.7 5.8x28.3	5.2x31.2 6.0x35	4.5x32 5.8x35	5.2x39.6 6.0x43.6	4.5x37.9 5.8x41.4	5.2x47.2 6.0x50.8	4.5x45.2 5.8x50.8	4.5x50.4 5.8x54	4.5x54.9 5.8x60.2	4.5x74.5 5.8x83
Diameter flex.	420 mm											
Bending radius mm	10 x Cable height											
Suspension elements	None											
Test voltage	2500 V											

N° of conductors	4				7
Sección mm²	35	50	70	95	2.5
Composition copper	240hx0.41 mm	336hx0.41mm	336hx0.50 mm	456hx0.50 mm	40hx0.26 mm
Insulated conductor diameter approx.	10.10 mm	12.15 mm	13.80 mm	15.50 mm	3.50 mm
Colour conductors	Brown, A/V, Black, Grey				White black numbers, green/yellow
Max. electrical resistance	0.554 Ohm/Km	0.386 Ohm/Km	0.272 Ohm/Km	0.206 Ohm/Km	7.98 Ohm/Km
Dimension mm	13.1x42.9 14.8x51	15x52.1 17x57	17.5x63 20x66.1	20x71 23x76	5.2x29.4 6.0x32.4
Diameter flex.	520 mm				420 mm
Bending radius mm	10 x Cable height				
Suspension elements	None				
Test voltage	2500 V				