

REELING, LIFT & SPECIALTY CABLES

H05VVH6-F PVC flat cables

H07VVH6-F PVC flat cables



CE



BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05VVH6-F

Marking for PVC flat cable 02142407:

SAB BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05VVH6-F 24 G 0.75 mm² CE



BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H07VVH6-F

Marking for PVC flat cable 02491215:

SAB BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H07VVH6-F 12 G 1.5 mm² CE

H05VVH6-F and H07VVH6-F are a flexible, flame retardant, PVC festoon power and control cable designed for use on overhead crane and material handling systems. The flat construction allows cables to be stacked for applications where space is limited.

Construction:

Conductor:	bare copper strands acc. to IEC 60228 EN 60228, VDE 0295, class 5
Insulation:	PVC
Color code:	black with white numbers and green-yellow earth wire
Stranding:	conductors parallel side by side in groups
Jacket material:	PVC
Jacket color:	black

Outstanding features:

- smaller bending radius in contrast to round cables

Application:

- for example in elevators up to 35 m freely suspended or in fitted vehicles for cranes and hoisting systems with one level bending.

Technical data:

Nominal voltage:	H05VVH6-F: U _o /U 300/500 V H07VVH6-F: U _o /U 450/750 V
Min. bending radius:	10 x height
Temperature range	
<i>fixed laying:</i>	-40/+70°C
<i>flexible application:</i>	0/+70°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2
Oil resistance:	acc. to internal standard, see page O/29
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

H05VVH6-F

item no.	no. of conductors incl. ground	nominal outer- ϕ inch	mm	cable weight \approx lbs/mft
▶ 19 AWG (\approx 23/32) • 0.75 mm²				
02140607	6	0.701 x 0.165	17.8 x 4.2	92
02140907	9	1.016 x 0.165	25.8 x 4.2	134
02141207	12	1.539 x 0.165	39.1 x 4.2	175
02141607	16	1.713 x 0.165	43.5 x 4.2	230
02141807	18	1.906 x 0.165	48.4 x 4.2	257
02142007	20	2.122 x 0.165	53.9 x 4.2	286
02142407	24	2.531 x 0.165	64.3 x 4.2	342
▶ 18 AWG (\approx 30/32) • 1.00 mm²				
02140410	4	0.500 x 0.169	12.7 x 4.3	71
02140510	5	0.602 x 0.169	15.3 x 4.3	87
02140610	6	0.724 x 0.169	18.4 x 4.3	103
02140910	9	1.051 x 0.169	26.7 x 4.3	151
02141210	12	1.350 x 0.169	34.3 x 4.3	196
02141610	16	1.776 x 0.169	45.1 x 4.3	259
02141810	18	1.976 x 0.169	50.2 x 4.3	289
02142010	20	2.201 x 0.169	55.9 x 4.3	322
02142410	24	2.626 x 0.169	66.7 x 4.3	384

Other dimensions and colors are possible on request.

H07VVH6-F

item no.	no. of conductors incl. ground	nominal outer- ϕ inch	mm	cable weight \approx lbs/mft
▶ 16 AWG (\approx 27-29/30) • 1.50 mm²				
02490415	4	0.602 x 0.205	15.3 x 5.2	97
02490715	7	1.008 x 0.205	25.6 x 5.2	168
02490815	8	1.126 x 0.205	28.6 x 5.2	190
02491215	12	1.605 x 0.205	41.9 x 5.2	283
▶ 14 AWG (\approx 46/30) • 2.50 mm²				
02490425	4	0.720 x 0.228	18.3 x 5.8	138
02491225	12	1.996 x 0.228	50.7 x 5.8	406
▶ 12 AWG (\approx 52/28) • 4.00 mm²				
02491240	12	2.260 x 0.268	57.4 x 6.8	577
▶ 10 AWG (\approx 78/28) • 6.00 mm²				
02490460	4	0.894 x 0.287	22.7 x 7.3	253
02490560	5	1.083 x 0.287	27.5 x 7.3	295
▶ 8 AWG (\approx 77/26) • 10.00 mm²				
02490570	5	1.406 x 0.366	35.7 x 9.3	542
▶ 4 AWG (\approx 190/26) • 25.00 mm²				
02490490	4	1.673 x 0.508	42.5 x 12.9	946

Other dimensions and colors are possible on request.

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Web site: www.sabcable.com

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