

PVC Flat cables

H05VVH6-F



Marking for PVC Flat cable 02142407:

SAB BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05VVH6-F 24G0,75 mm² CE

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

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	PVC
Colour code:	black with white numbers and green-yellow earth wire
Stranding:	cores parallel side by side in groups
Sheath material:	PVC
Sheath colour:	black (RAL 9005)

Technical data:

Nominal voltage:	Uo/U 300/500 V
Min. bending radius:	10 x high
Temperature range	
<i>fixed laying:</i>	-40/+70 °C
<i>flexible application:</i>	0/+70 °C
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	acc. to our internal standard, see chapter N „Technical Data“
Absence of harmful substances:	acc. to RoHS directive of the European Union see chapter N „Technical Data“

Outstanding features:



• smaller bending radius
in contrast to round cables

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	dimension width x height approx. mm	copper figure kg/km	cable weight ≈ kg/km
02140607	6 x 0,75	0,21	17,8 x 4,2	43,2	137
02140907	9 x 0,75	0,21	25,8 x 4,2	64,8	200
02141207	12 x 0,75	0,21	39,1 x 4,2	86,4	260
02141607	16 x 0,75	0,21	43,5 x 4,2	115,2	342
02141807	18 x 0,75	0,21	48,4 x 4,2	129,6	382
02142007	20 x 0,75	0,21	53,9 x 4,2	144,0	425
02142407	24 x 0,75	0,21	64,3 x 4,2	172,8	509
02140410	4 x 1,00	0,21	12,7 x 4,3	38,4	105
02140510	5 x 1,00	0,21	15,3 x 4,3	48,0	129
02140610	6 x 1,00	0,21	18,4 x 4,3	57,6	154
02140910	9 x 1,00	0,21	26,7 x 4,3	86,4	225
02141210	12 x 1,00	0,21	34,3 x 4,3	115,2	292
02141610	16 x 1,00	0,21	45,1 x 4,3	153,6	386
02141810	18 x 1,00	0,21	50,2 x 4,3	172,8	430
02142010	20 x 1,00	0,21	55,9 x 4,3	192,0	479
02142410	24 x 1,00	0,21	66,7 x 4,3	230,4	572

Other dimensions and colours are possible on request.