

H07VVH6-F



BRÜCKSKES · D-VIERSEN · <VDE> <HAR> H07VVH6-F 12G1,



Marking for PVC Flat cable 02491215:

SAB BRÜCKSKES · D-VIERSEN · <VDE> <HAR> H07VVH6-F 12 x 1,5 mm² CE

Construction:

| | |
|-------------------------|---|
| Conductor: | bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5 |
| Insulation: | PVC |
| Colour code: | coloured acc. to HD 308 (VDE 0293 part 308); black cores with consecutive numbers acc. to EN 50334 from 6 cores; green-yellow earth wire from 3 cores |
| Stranding: | cores parallel side by side in groups |
| Sheath material: | PVC |
| Sheath colour: | black (RAL 9005) |

Technical data:

| | |
|---------------------------------------|---|
| Nominal voltage: | U ₀ /U 450/750 V |
| Min. bending radius: | 10 x high |
| Temperature range | |
| <i>fixed laying:</i> | -40 °C/+70 °C |
| <i>flexible application:</i> | 0 °C/+70 °C |
| Fire performance: | flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2 |
| Oil resistance: | acc. to internal standard, see page N/15 |
| Absence of harmful substances: | acc. to RoHS directive of the European Union see page N/17 |

Outstanding features:

- smaller bending radius in contrast to round cables
- EAC approval

Application:

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

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| 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 |
|----------|--|--------------------------------|---|---------------------------|----------------------------|
| 02490415 | 4 x 1,50 | 0,26 | 15,3 x 5,2 | 57,6 | 145 |
| 02490715 | 7 x 1,50 | 0,26 | 25,6 x 5,2 | 100,8 | 250 |
| 02490815 | 8 x 1,50 | 0,26 | 28,6 x 5,2 | 115,2 | 283 |
| 02491215 | 12 x 1,50 | 0,26 | 41,9 x 5,2 | 172,8 | 421 |
| 02490425 | 4 x 2,50 | 0,26 | 18,3 x 5,8 | 96,0 | 206 |
| 02491225 | 12 x 2,50 | 0,26 | 50,7 x 5,8 | 288,0 | 604 |
| 02491240 | 12 x 4,00 | 0,31 | 57,4 x 6,8 | 460,8 | 858 |
| 02490460 | 4 x 6,00 | 0,31 | 22,7 x 7,3 | 230,4 | 377 |
| 02490560 | 5 x 6,00 | 0,31 | 27,5 x 7,3 | 288,0 | 439 |
| 02490570 | 5 x 10,0 | 0,41 | 35,7 x 9,3 | 480,0 | 807 |
| 02490490 | 4 x 25,0 | 0,41 | 42,5 x 12,9 | 960,0 | 1407 |

Other dimensions and colours are possible on request.