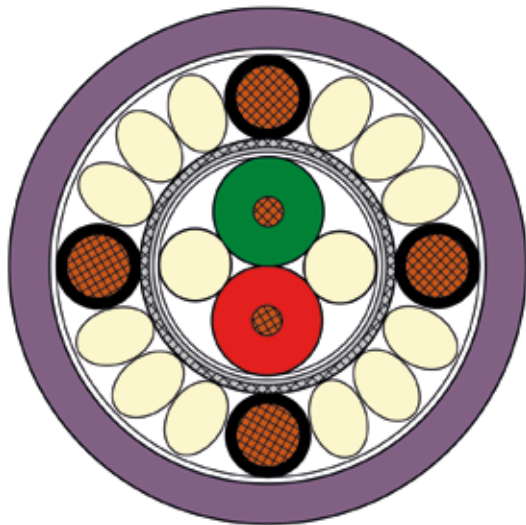


Hybrid and Special Cables

Example: Profibus-DP cable

halogen-free Profibus-DP cable with valve control for use in cable tracks resp.

halogen-free Profibus-DP cable with separate current supply for use in cable tracks



Construction:

Conductor:	bare copper strands, fine wires
Insulation:	0,34 mm ² : cellular PE 1,00 mm ² /1,50 mm ² : TPE
Stranding:	Profibus twisted pairwise, pairs and conductors twisted in layers
Screen Profibus:	tinned copper braiding
Sheath material:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Sheath colour:	redlilac (RAL 4001)
Marking item no. 06349010:	SAB BRÖCKSKES · D-Viersen · S PB 634 2 x 0,34 mm ² + 4 x 1,5 mm ² CE
Marking item no. 06349015:	SAB BRÖCKSKES · D-Viersen · S PB 634 2 x 0,34 mm ² + 3 x 1,0 mm ² CE

Technical data:

Peak operating voltage:	item no. 06349010: 100 Veff. item no. 06349015: max. 350 V
Testing voltage:	core/core 1500 V core/screen 1000 V
Min. bending radius <i>flexible application:</i>	12 x d
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	-40/+80 °C -40/+80 °C
Halogen-free:	acc. to 60754-1 + VDE 0482-754-1
Oil resistance:	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Characteristic impedance:	acc. to EN 50289-1-11 at 3-20 MHz: 150 Ω ± 15 Ω
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of conductors	nominal cross section mm ²	max. outer-ø mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km
06349010	2	0,34	12,0	78,8	165	55,0
	4	1,50				13,3

item no.	no. of conductors	nominal cross section mm ²	max. outer-ø mm	copper figure kg/km	cable weight ≈ kg/km	ohmic resistance at 20 °C max. Ω/km
06349015	2	0,34	10,6	48,1	102	55,0
	3	1,00				19,5