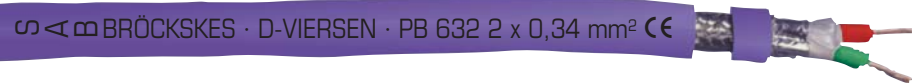


S PB 634 PUR Profibus-DP cable for cable tracks

PB 633 Halogen-free, flexible PE Profibus-DP cable

PB 632 Flexible PVC Profibus-DP cable



Marking for PB 632 06322341:

SAB BRÖCKSKES · D-VIERSEN · PB 632 2 x 0,34 mm² CE

General construction:

Colour code:	red, green (0,34 mm ²); brown, light blue and green-yellow earth wire (1,0 mm ²)
Pairwise screening:	tinned copper braiding
Stranding:	in layers

Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	1500 V
Min. bending radius:	12 x d
Characteristic impedance 3 - 20 MHz:	150 Ω ± 10%
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

	S PB 634	PB 633	PB 632
► Conductor:	0,34 mm ² : bare copper strands acc. to DIN VDE 0812 1,00 mm ² : bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6	0,34 mm ² : bare copper strands acc. to DIN VDE 0812 1,00 mm ² : bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5	0,34 mm ² : bare copper strands acc. to DIN VDE 0812 1,00 mm ² : bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
► Pairwise wrapping:	non-woven tape/Alu foil, non-woven tape	Alu foil, PETP foil	Alu foil, PETP foil
► Pairwise sheathing:	TPE	-	-
► Insulation:	0,34 mm ² : DIN VDE 0819 part 103 (02Y11) 1,00 mm ² : TPE	0,34 mm ² : DIN VDE 0819 part 103 (02Y11) 1,00 mm ² : PE, 2Y11 acc. to DIN VDE 0207 part 2	0,34 mm ² : DIN VDE 0819 part 103 (02Y11) 1,00 mm ² : PVC, Tl2 acc. to DIN VDE 0281 part 1
► Sheath material, redlilac (RAL 4001):	PUR, TMPU acc. to DIN VDE 0282 part 10 with rough surface	PE, 2YM1 acc. to DIN VDE 0207 part 3	PVC, TM1 acc. to DIN VDE 0281 part 1
► Temperature range: <i>fixed laying:</i> <i>flexible application:</i>	-40/+80°C -40/+80°C	-40/+70°C -40/+70°C	-30/+70°C -5/+70°C
► Fire performance: flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2	-	-	X
► Corrosiveness of conflagration gases: in compliance with IEC 60754-2 + EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases	-	X	-
► Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10	-	acc. to internal standard see page N/15
► For fixed installation:	X	X	X
► For flexible application:	X	X	X
► Suitable for cable tracks:	X	-	-
► Weather resistance:	very good	good	medium

Profibus-DP and Profibus-FMS apply the same transmission technology and a uniform bus access log. Therefore, both types can be used simultaneously on one cable.

item no.	type	no. of cores x cross section mm ²	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km
06342341	S PB 634	2 x 0,34	7,6	30,9	58
06344341	S PB 634	2 x 0,34 + 3 x 1,00	10,2	58,8	108
06332341	PB 633	2 x 0,34	7,5	25,8	50
06334341	PB 633	2 x 0,34 + 3 x 1,00	10,1	58,8	101
06322341	PB 632	2 x 0,34	7,5	25,8	56
06324341	PB 632	2 x 0,34 + 3 x 1,00	10,1	58,8	122

Other dimensions and colours are possible on request.