

**PB 636** Flexible PVC Profibus-DP cable for outdoor installation

**PB 639** PVC Profibus-DP cable applicable in ground

**PB 637** PVC Profibus-DP cable with UL recognition

**PB 635** PVC Profibus-DP cable for outdoor installation



Marking for PB 636 06362348:  
SAB BRÖCKSKES · D-VIERSEN · PB 636 2 x 0,34 mm² CE

## General construction:

Insulation:	acc. to DIN VDE 0819 part 103 (02Y11)
Colour code:	red, green
Stranding:	in layers
Wrapping:	Alu foil
Screen:	tinned copper braiding

## Technical data:

Peak operating voltage:	max. 350 V
Testing voltage:	1500 V
Min. bending radius:	12 x d
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
Characteristic impedance 3 - 20 MHz:	150 Ω ± 10%
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

	PB 636	PB 637	PB 639	PB 635
► Conductor:	bare copper strands acc. to DIN VDE 0812	bare copper wire AWG 22, single wire	bare copper wire AWG 22, single wire	bare copper wire AWG 22, single wire
► Sheath material, redlilac (RAL 4001):	PVC, TM2 acc. to DIN VDE 0281 part 1	PVC, YOE acc. to DIN VDE 0281 part 1	PVC acc. to DIN VDE 0281 part 1	PVC, TM2 acc. to DIN VDE 0281 part 1
► Voltage acc. to UL:	-	30 V	-	-
► Temperature range: fixed laying: flexible application:	-30/+70°C -5/+70°C	UL: up to +60°C -30/+70°C -5/+70°C	-30/+70°C -5/+70°C	-30/+70°C -5/+70°C
► Oil resistance:	acc. to internal standard see page N/15	very good - acc. to DIN VDE 0207 part 5	acc. to internal standard see page N/15	acc. to internal standard see page N/15
► For fixed installation:	X	X	X	X
► For flexible application:	X	-	-	-
► Weather resistance:	good	medium	very good	good
► Outdoor installation:	X	-	X	X
► Direct burial:	-	-	X	-
► UL Style:	-	2560 • 60°C	-	-

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 <sup>2</sup>	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km
06362348	PB 636	2 x 0,34	8,8	23,8	81
06372331	PB 637	2 x AWG 22	7,5	23,8	57
06392338	PB 639	2 x AWG 22	9,2	23,8	94
06352338	PB 635	2 x AWG 22	8,4	23,8	81

Other dimensions and colours are possible on request.