

Profibus-DP Cables acc. to IEC 61158-2



PB 636 flexible PVC Profibus-DP cable for outdoor installation

PB 637 PVC Profibus-DP cable with UL recognition

PB 639 PVC Profibus-DP cable applicable in ground

PB 635 PVC Profibus-DP cable for outdoor installation



Marking for PB 636 06362348:

SAB BRÖCKSKES · D-VIERSEN · PB 636 2x0,34mm² CE



Construction:	PB 636	PB 637	PB 639	PB 635
Dimension:	2 x 0,34 mm ²	2 x AWG 22		
Conductor:	bare copper strands acc. to VDE 0812	bare copper wire AWG 22, single wire		
Insulation:	acc. to EN 50290-2-23 + VDE 0819-103 (02Y11)			
Colour code:	red, green			
Stranding:	in layers			
Screen:	alu foil and tinned copper braiding			
Sheath material:	PVC, TM2 acc. to EN 50363-4-1	PVC, TM5 acc. to EN 50363-4-1	PVC, TM2 acc. to EN 50363-4-1	
Sheath colour:	redilac (RAL 4001)			

E
26

Technical data:	PB 636	PB 637	PB 639	PB 635
Item number:	0636-2348	0637-2331	0639-2338	0635-2338
Peak operating voltage:	max. 350 V			
Voltage UL:	---	30 V	---	
Testing voltage core/core: core/screen:	1500 V 1500 V			
Min. bending radius:	12 x d			
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	
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2			
Oil resistance:	acc. to internal standard, see chapter N „Technical data“	very good acc. to VDE 0207-5	acc. to internal standard, see chapter N „Technical data“	
Characteristic impedance 3 - 20 MHz:	150 Ω ± 10%			
For fixed installation:	suitable			
For flexible application:	suitable	not suitable		
Weather resistance:	good	very good	good	
Outdoor installation:	suitable	not suitable	suitable	
Direct Burial:	not suitable		suitable	not suitable
UL Style:	---	2560	---	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“			

item no.	type	dimension	outer-ø ± 5%	copper figure kg/km	cable weight ≈kg/km
06362348	PB 636	2 x 0,34 mm ²	8,8	23,8	81
06372331	PB 637	2 x 22 AWG	7,5	23,8	57
06392338	PB 639	2 x 22 AWG	9,2	23,8	94
06352338	PB 635	2 x 22 AWG	8,4	23,8	81

Other dimensions and colours are possible on request.

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.