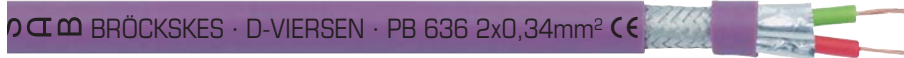


PB 636 flexible PVC Profibus-DP cable for outdoor installation

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 2x0,34mm² CE



| <u>Construction:</u> | PB 636 | PB 637 | PB 635 | PB 635 |
|-------------------------|--|--------------------------------------|-------------------------------|--------|
| Dimensions: | 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 | | | |
| Screen: | 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: | redlilac (RAL 4001) | | | |

| <u>Technical data:</u> | PB 636 | PB 637 | PB 635 | PB 635 |
|--|---|--|---|-------------------------|
| Item numbers: | 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: | X | | | |
| For flexible application: | X | --- | | |
| Weather resistance: | good | very good | good | |
| Outdoor installation: | X | --- | X | |
| Direct burial: | --- | --- | X | --- |
| UL Style: | --- | 2560 | --- | |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical Data“ | | | |

| item no. | type | no. of cores mm ² each conductor | outer-ø ± 5% | 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.

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.