

PBS Field bus cable 60V

DESIGN:
Twisted pair cable

STANDARDS:
EN 50170

1. Conductor	- stranded copper conductor
2. Insulation	- Polyethylene / foamed polyethylene plastic
3. Pair twisting	
4. Bedding	- separator tape
5. Screen	- plastic coated aluminium tape and tinned copper braid, coverage 100%
6. Sheath	- purple, polyolefine plastic
7. Outer sheath	- grey polyolefine plastic, SHF1

Flame-retardant

Fire-resistant

Halogen-free

Low smoke emission

Application: For fixed installation in all areas.
If the cable is exposed to direct sun light protective covering or cable with black outer sheath is recommended.

Main characteristics

Rated voltage	60V
Maximum conductor temperature	+ 90 °C
Flame-retardant	IEC 60332-1-2 -test for single insulated wire and cable IEC 60332-3-22 -test for bunched wires and cables, category A
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series

Identification: Lot number, cable type, cable size, voltage, temperature, standards, production month, manufacturer's name and meter marking printed on the sheath

Core identification

Each pair green - red.

PBS

Number of conductors & cross-section n x mm ²	Nominal outer diameter mm	Approximate weight kg/km	Min. bending radius fixed installation mm
1 x 2 x 0,34	10,5	145	65



Cable for PROFIBUS DP.

The cable has been tested according to the IEC 61158 specification and testing guidelines set by PROFIBUS Center Nederland. Cable is approved as type A cable.

Compatible with the connector of Siemens (6ES7-972-0BA12 OXA0 or similar) after stripping the outer sheath.

Type A bus cable. Maximum length of each bus segment.

Data transfer rate in kbit/s	9.6 – 93.75	187.5	500	1500	3000 – 12000
Max. segment length in m	1200	1000	400	200	100

