



Suitable for outdoor use and direct burial, UV-resistant

Rugged, UV-resistant and weatherproof; Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP



Product description

Application range

- PROFIBUS DP (in accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC® NET, also suitable for FIP - Factory Instrumentation Protocol).

Benefits

- Rugged, UV-resistant and weatherproof
- Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Product Make-up

- Solid and bare copper conductor
- Foam Skin - core isolation (O2YS)
- Overall screening with copper braid and plastic-laminated aluminium foil

- Tin-plated copper wire braiding
- Outer sheath: reinforced PVC, black

Product features

- Reinforced outer sheath made of PVC

Technical Data

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|--------------------------|--|
| Mutual capacitance | (800 Hz): max. 30 nF/km |
| Peak operating voltage | (not for power applications) 250 V |
| Minimum bending radius | Fixed installation: 75 mm once Fixed installation: 150 mm |
| Test voltage | Core/core: 1500 V rms Core/screen: 1500 V |
| Temperature range | Flexing: -5°C to +50°C Fixed installation: -40°C to +80°C |
| Characteristic impedance | 150 ± 15 Ohm |