



## 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
- PE core insulation
- Overall screening with copper braid and plastic-laminated aluminium foil

- Tin-plated copper wire braiding
- PVC outer sheath, violet, OD 7.5 mm  
PVC outer sheath, black, OD 9.5 mm

## Product features

- Dual PVC outer sheath

## Technical Data

|                          |  |
|--------------------------|--|
| 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<br>Fixed installation: 150 mm |
| Test voltage             | Core/core: 1500 V rms<br>Core/screen: 1500 V                 |
| Temperature range        | Flexing: -5°C to +50°C<br>Fixed installation: -40°C to +80°C |
| Characteristic impedance | 150 ± 15 Ohm   |