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Product description

Application range

- Suitable for outdoor use and direct burial

Benefits

- Certified by INTERBUS CLUB

Product Make-up

- Data: stranded bare conductor, core colours: white-brown/green-yellow/grey-pink
- Power supply: stranded bare conductor, colours: red, blue, green/yellow
- Overall copper wire braiding
- Reinforced PVC outer sheath
- Colour: black (RAL 9005)

Norm references / Approvals

- In accordance with DIN 19258 and EN 50254

Product features

- IBS cable - for outdoor use or direct burial, UV-resistant (remote bus cable + installation remote bus cable)
- The stated bit rates result in the following cable lengths (maximum) of one bus segment:
- 500 kBit/s = max. 400 m
- Flame-retardant according IEC 60332-1-2

Technical Data

| | |
|--------------------------|--|
| Mutual capacitance | (800 Hz): max. 60 nF/km |
| Peak operating voltage | (not for power applications) 250 V |
| Conductor resistance | (loop): max. 186 ohm/km |
| Minimum bending radius | Fixed installation: 8 x outer diameter |
| Test voltage | Core/core: 1500 V rms |
| Temperature range | Fixed installation: -40°C to +70°C |
| Characteristic impedance | 100 Ohm |