

PROFINET cable Cat 5, type C, drag chain capable

Function

For a PROFINET network in an industrial environment only shielded cabling and connecting elements are permissible. Industry-suitable cables can be exposed to extremely mechanical load requiring a special structure. Plug-and-socket connectors and cables from a well-coordinated system. Only those elements that have proven their compatibility are called PROFINET units.

Wires

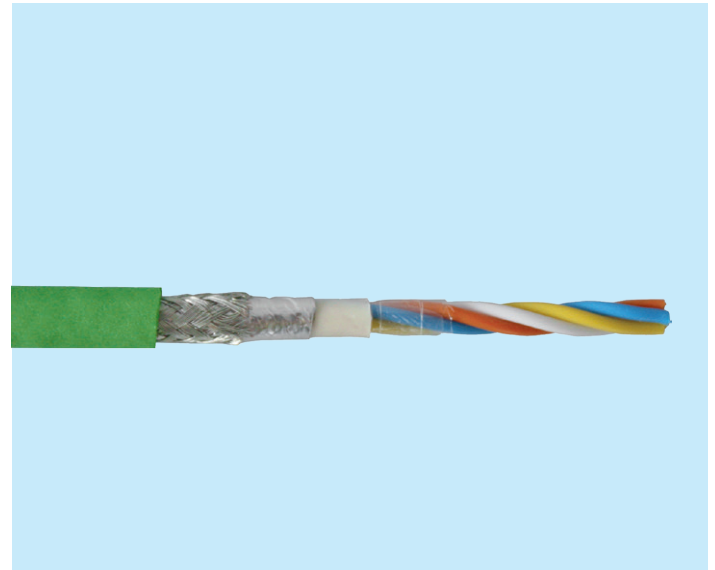
- Copper strand: Fine wire conductors of bare copper wires (in according to EN 60228)
4 x 0,38 / Ø 7 mm
- Aderisolation: Mechanically high-quality TPE mixture
- Wire colours: Yellow, orange, white, blue

Electrical data

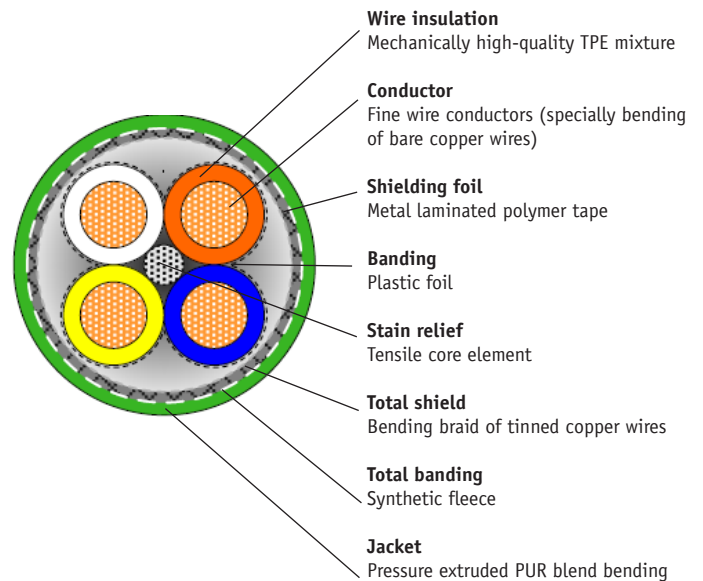
- Char. impedance: 100 Ohm ±15 Ohm, acc. to DIN EN 50289-1-11
- Copper number: 35 kg/km
- Nominal voltage: 50 V
- Test voltage: 500 V (wire/wire), 500 V (wire/shield) acc. to DIN EN 50289-1-3
- Operating capacity: Ca. 53pF/m (bei 800 Hz), acc. to DIN EN 50289-1-5

General data

- For medium load requirements
- PUR outer jacket
- Protective conductor: Without protective conductor
- Shielded: Yes
- Oil-resistant according to DIN EN 50363-10-2
- Coolant-resistant: Yes
- Notch toughness: Yes
- PVC and halogen-free: Acc. to EN 50267-2-1
- Flame-retardant: Acc. to IEC 60332-1, CEI 20-35, FT1, VW-1
- Hydrolysis resistance: Acc. to DIN VDE 0282 Teil 10-A
- Microbe resistance: Acc. to DIN EN 50396
- Weight: Ca. 66 kg/km
- Bending radius: Mind. 6,8 x d
- Temperature range: -25°C to +80°C



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Engineering drawing

Ordering details

Art. No.

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114070001

*) length on request