

PUD

Controller cable for data transmission, blue



Controller and Multiplexer cable suitable for direct burial and temporary applications, with shielding and double jacket, PU flexible, free installation, blue.

Application

- For direct burial into the ground and tunneling
- In EMV critical environment

Texture

- Conductor: made of copper tinned, fine-wired
- Isolation: thermoplastic synthetic on base of PVC
- Color coding: yellow, blue, red, black
- Stranding: cores optimized in length
- Inner jacket: thermoplastic synthetic on base of PVC, grey like RAL 7000
- Shield: braided shield made of tinned copper wires
- Outer jacket thermoplastic synthetic on base of PUR, sky blue like RAL 5015
- Imprint: PUD/GLÖTZL

Resistance

- Chemical resistance: good

Reference standard

- Containment-free according to RoHS-Guideline 2002/95/EG as well as per GefStoffV



Technical details

| | |
|-------------------------------|---|
| Core-ID-Code: | yellow, light blue, red, black |
| Isolation volume resistivity: | >20 GΩ x cm |
| Min. bending radius: | 5 x diameter of core, fixed installation 10 x diameter of core, moved freely |
| Nominal voltage U_0/U : | 300/500 V |
| Testing voltage: | core / core: 2.000 V core / shielding: 2.000 V |
| Operating temperature: | +5 °C to +70 °C -40 to +70 °C fixed installation |

| Cable name | Outer-Ø in mm | Weight kg/km |
|------------------------------|-----------------------|--------------|
| PUD 4 x 0.5 mm ² | min. 9.6 max. 10.0 | 136 kg/km |
| PUD 6 x 0.5 mm ² | 10.5 mm | - |
| PUD 6 x 0.75 mm ² | 11.6 mm | - |