



PROFINET 4 TP type B cable, 8-wire, PVC

Features

- Sheath material PVC
- Category Cat. 6_A
- Number of wires 8
- Wire design AWG 23/7
- Wire diameter 8.7 mm

Application

This data cable can be used for the cabling acc. to type B of the PROFINET cabling standard. The four pair TP construction allows the transmission of IT data and analog signals such as 10 Mbit/s, 100 Mbit/s, 10 Gbit/s, video and audio as well as IP data services.

Benefits

- PROFINET compliant (green)
- Suitable for flexible system cables
- Flame retardant
- RoHS compliant
- Usable for the Fast Ethernet and Gigabit Ethernet data cabling in industrial applications
- UL certified
- UV proof

Technical characteristics

- Cable structure 4 x 2, Twisted Pair, shielded
- Core structure 4 pairs AWG 23/7
- Wire insulation PE, Ø 1.59 mm
- Sheath material PVC
- Cable sheath diameter 8.7 mm
- Transmission performance Category 6_A, Class E_A up to 500 MHz acc. to EN 50288, IEC 61156
- Data rate 10 Mbit/s, 100 Mbit/s, 1 Gbit/s, 2,5 Gbit/s, 5 Gbit/s, 10 Gbit/s
- Shielding Tinned copper braid
- Operating temperature range -40 °C ... +80 °C
- Colour Green

Identification

Part number

Drawing

Dimensions in mm

PROFINET 4 TP type B cable,
8-wire, Cat. 6_A, PVC

20 m ring
50 m ring
100 m ring
500 m drum

09 45 600 1211
09 45 600 1221
09 45 600 1231
09 45 600 1241

