



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

### Features

- Sheath material PVC
- Category Cat. 6<sub>A</sub>
- 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 <sub>A</sub> , Class E <sub>A</sub> 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
<p>PROFINET 4 TP type B cable, 8-wire, Cat. 6<sub>A</sub>, PVC</p> <p>20 m ring 50 m ring 100 m ring 500 m drum</p>	<p>09 45 600 1211 09 45 600 1221 09 45 600 1231 09 45 600 1241</p>		