



**PROFINET 4TP type A cable**  
8 wires, Cat. 6<sub>A</sub>, PVC

For fixed laying or to build up PROFINET system cables

## Technical characteristics

Cable construction:	4 x 2, twisted pair, shielded, PIMF
Conductor construction:	4 x 2 x AWG 23/1, solid copper
Conductor insulation:	PE Ø 1.4 mm
Sheath material:	PVC
Cable diameter:	7.9 mm
Transmission performance:	Category 6 <sub>A</sub> / class E <sub>A</sub> up to 500 MHz Acc. to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate:	10/100 Mbit/s, 1/10 Gbit/s
Shielding:	Twisted shielding and additional overall shielding
Temperature range:	-20 °C ... +60 °C
Standard length:	20 m / 50 m / 100 m / 500 m
Colour:	Green
Printing:	HARTING specific printing
Advantages:	<ul style="list-style-type: none"> <li>• Robust design</li> <li>• PROFINET conform</li> <li>• RoHS conform</li> <li>• Flame retardant</li> </ul>

## Identification

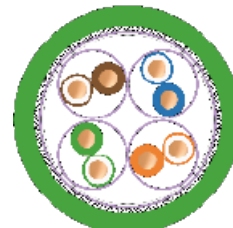
## Part number

## Drawing

PROFINET 4TP type A cable  
8 wires, Cat. 6<sub>A</sub>, PVC, green

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

09 45 600 1200
09 45 600 1210
09 45 600 1220
09 45 600 1230



- Conductor: Solid copper AWG 23/1



**PROFINET 4TP type B cable**  
**8 wires, Cat. 6<sub>A</sub>, PVC**

For flexible laying or to build up PROFINET system cables

## Technical characteristics

Cable construction:	4 x 2, twisted pair, shielded, PIMF
Conductor construction:	4 x 2 x AWG 23/7, stranded tinned copper braid
Conductor insulation:	PE Ø 1.59 mm
Sheath material:	PVC
Cable diameter:	8.7 mm
Transmission performance:	Category 6 <sub>A</sub> / class E <sub>A</sub> up to 500 MHz Acc. to ISO/IEC 11 801:2002, EN 50 173-1
Transmission rate:	10/100 Mbit/s, 1/10 Gbit/s
Shielding:	Twisted shielding and additional overall shielding
Temperature range:	-40 °C ... +80 °C
Standard length:	20 m / 50 m / 100 m / 500 m
Colour:	Green
Printing:	HARTING specific printing
Advantages:	<ul style="list-style-type: none"> <li>• Robust design</li> <li>• PROFINET conform</li> <li>• RoHS conform</li> <li>• Flame retardant</li> </ul>

## Identification

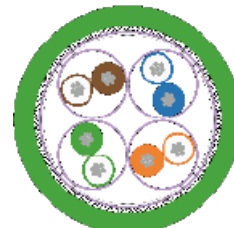
## Part number

## Drawing

**PROFINET 4TP type B cable**  
**8 wires, Cat. 6<sub>A</sub>, PVC, green**

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



- Conductor: Stranded tinned copper braid  
 4x2xAWG 23/7