

Data Copper cable



T1 SPE Cable SF/TP 1x2xAWG22/7 PUR 10m

Copper cable, (round), Flame retardant, Oil and UV resistant, Halogen-free, 1x 2x AWG 22/7, PUR (polyurethane), Cable length: 10 m

Part number: **09 45 600 2014**



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Technical data

Identification

Category	System cabling
Series	HARTING T1 Industrial
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Description of the cable	Flame retardant
	Oil and UV resistant
	Halogen-free
Features	Perfectly suited for the combination with HARTING SPE connectors
	For fixed and flexible installations in industrial applications

Version

Cable length	10 m
Shielding	Shielded
Number of cores	2
Core structure	1x 2x AWG 22/7

Technical characteristics

Rated voltage	100 V
Loop resistance	120 Ω/km
Limiting temperature	-40 ... +80 °C unmoved
	-25 ... +80 °C moved
Cable diameter	5.2 mm ± 0.2 mm

Minimum bending radius	4x Cable diameter (singular bending)
	8x Cable diameter (repeated bending)
Test voltage U_{DC}	1 kV Wire / wire / shielding
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
Insulation resistance @ 20 °C	≥ 5,000 MΩ x km
Impedance @ 100 MHz	100 Ω ±5 %

Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Yellow

Specifications and approvals

Specifications	UL style 21815
	IEC 11801-3
	IEC 61156-11
	IEC 61156-12
	IEEE 802.3bu (remote power supply over PoDL = Power over Data Line)
	IEEE 802.3cg (10BASE-T1)
	IEEE 802.3bw (100BASE-T1)
	IEEE 802.3bp (1000BASE-T1)
	IEC 60332-1-2 Flame retardancy
	EN 60811-404 Oil resistancy

Commercial data

Packaging size	1
Net weight	450 g
Net weight	36 g/m
Country of origin	Romania
European customs tariff number	85444995
eCl@ss	2706 1801 Data and communication cable (copper)

Products frequently purchased together



Cable connector

Tools

T1 Industrial plug SL-C IP20

T1 Industrial crimp tool (AWG 24-22)

09 45 181 2800 XL

09 45 800 2801