

Data Copper cable



### T1 SPE Cable SF/TP 1x2xAWG26/7 PUR 50m

Copper cable, (round), Flame retardant, Oil and UV resistant, Halogen-free, 1x 2x AWG 26/7, PUR (polyurethane), Cable length: 50 m

Part number: **09 45 600 2003**



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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	50 m
Shielding	Shielded
Number of cores	2
Core structure	1x 2x AWG 26/7

### Technical characteristics

Rated voltage	100 V
Loop resistance	290 $\Omega$ /km
Limiting temperature	-40 ... +80 °C unmoved
	-25 ... +80 °C moved
Cable diameter	4.7 mm $\pm$ 0.2 mm

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

### Material properties

<b>Material (cable)</b>	<b>PUR (polyurethane)</b>
<b>Colour (cable)</b>	<b>Yellow</b>

### Specifications and approvals

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

### Commercial data

<b>Packaging size</b>	<b>1</b>
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<b>Net weight</b>	<b>1,400 g</b>
<b>Net weight</b>	<b>27 g/m</b>
<b>Country of origin</b>	<b>Romania</b>
<b>European customs tariff number</b>	<b>85444995</b>
<b>eCl@ss</b>	<b>2706 1801 Data and communication cable (copper)</b>

### Products frequently purchased together



#### PCB connectors

##### T1 Industrial Jack AH IP20

09 45 281 2800



#### Tools

##### T1 Industrial crimp tool (AWG 24-22)

09 45 800 2801