

Data Copper cable



T1 SPE Cable SF/TP 1x2xAWG22/7 PUR 50m

Copper cable, (round), Flame retardant, Oil and UV resistant, Halogen-free, 1x 2x AWG 22/7, PUR (polyurethane), Cable length: 50 m

Part number: **09 45 600 2013**



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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 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 \pm 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 | 2,000 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



Inserts Han® 3 A

Han 3A-BU-S

09 20 003 27 11



Tools

T1 Industrial crimp tool (AWG 24-22)

09 45 800 280 1