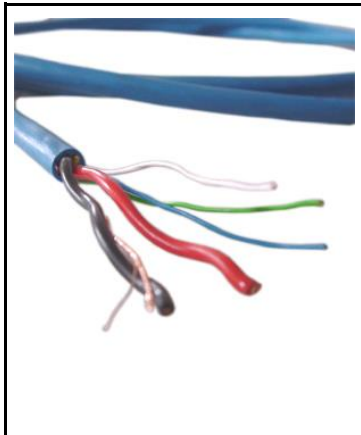


TDS90006HF

**AUTOBUS halogen free network cable 2+4**



The TELETASK halogen free AUTOBUS cable is used to connect all the TELETASK interfaces with each other. The interfaces are connected according a bus topology: one interface is connected after the other.

This halogen free version has not only fire retarding and low toxic emission features, but is also 'low smoke' (little smoke generation). Both the inside and the outside polymer jackets of the TDS90006HF are halogen free.

The specifications of the used compound comply to:

- CEI 20-11 M1
- VDE 0207 Part t24, type HM2
- VDE 0250 Part 215, type HM5
- HD 21-14 S1, type TI6.

The emission of halogen acids is restricted to <0,1% (measurement method CEI 20-37).

**Application:** The TELETASK halogen free AUTOBUS cable is used to connect all the TELETASK interfaces and the central unit with each other.

<b>Characteristics:</b>	Mechanical	<p>Light blue colour. Max. cable length: 1km. The AUTOBUS cable contains six copper conductors: 4 x 0.22 mm<sup>2</sup> (data transmission) + 2 x 1.00 mm<sup>2</sup> (power supply) and electro-magnetic shielding. The insulations are made from non-corrosive thermoplastic free of halogens and are low smoke zero halogen (LSOH). Conforming to the UL94-V0 standard. The wires are treated with a non migrating Pet-sp tape. The electromagnetic shielding is made from a 100% covering aluminium + polyester tape (LAP).</p>
	Electrical	<p>High speed bus cable with velocities up to 1Megabit. Insulation voltage: Of the covering blue sheath: 3500V (test) Of the red and black sheath: 2000V (test). Of the blue, white, green and yellow sheath: 2000V (test). Operating voltage: Of the red and black wire (1mm<sup>2</sup>): 13,5V Of the blue, white, green and yellow wire (0.22mm<sup>2</sup>): 5V.</p>
	Operating Temp.	-10 °C / +80 °C

**Settings:** None

**Installation:** Built-in electrical tubes.

<b>Connections:</b>	Central Unit	<p>Use the plug-in connector in the TELETASK central unit. !!! Always connect the shielding of the AUTOBUS on through the AUTOBUS connector (5<sup>th</sup> pin).</p>
	Interfaces	<p>Use the special AUTOBUS connector set, delivered with every TELETASK interface. The colours correspond with the wires of the AUTOBUS connector set. !!! Link every cable from the AUTOBUS including the shielding according the bus system using the AUTOBUS connector set. !!! Star topology cabling is NOT allowed.</p>

<b>Dimensions:</b>	Diameter:	6.5 mm +/- 0.2 mm
	Length:	Reels of 100 m
	Packaging:	39 x 39 x 9 cm

<b>Net   Gross Weight:</b>	6,14 kg   6,14 kg
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