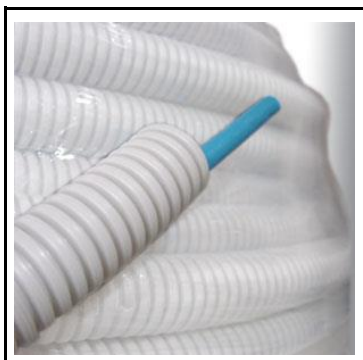


TDS90007

AUTOBUS network cable 2+4 in flexible tube



The TELETASK AUTOBUS cable in a flexible tube of 20 mm is used to connect all TELETASK interfaces with each other. The interfaces are connected according a bus topology: one interface is connected after the other.

Application:

The TELETASK AUTOBUS cable is used to connect all TELETASK interfaces and the central unit with each other.

Characteristics:

Mechanical

Bright blue colour.
Max. cable length: 1km.
The AUTOBUS cable contains six copper conductors: 4 x 0.22 mm² (data transmission) + 2 x 1.00 mm² (power supply) and electro-magnetic shielding.
The insulations are made from low smoke polyvinyl-chloride (PVC). PVC is conforming to the UL94-V0 standard.
The 2 insulations from the 1,00mm² wires are treated with a non migrating Pet-sp tape.
The electromagnetic shielding is made from a 100% covering aluminium + polyester tape (LAP).
The flexible tube is conform the standard EN 50 086-2-2

Electrical

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 (1mm²): 13,5V
Of the blue, white, green and yellow wire (0.22mm²): 5V.

Operating Temp.

-10 °C / +80 °C

Settings:

None

Installation:

In wall mounting

Connections:

Central Unit

Use the plug-in connector in the TELETASK central unit.
!!! Always connect the shielding of the AUTOBUS on the special lip in the central unit.

Interfaces

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.

Power Consumption: Not applicable

Dimensions:	Cable diameter:	6.5 mm +/- 0.2 mm
	Tube diameter:	20 mm
	Cable Weight:	55,1 kg/km
	Length:	Reels of 100 m

Gross weight: 12,240 kg