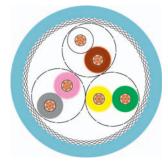
BUS Cables



Type Cable structure

Inner conductor diameter: Core insulation: Core colours: Stranding element: Shielding 1: Shielding 2: Total shielding: Outer sheath material: Cable external diameter: Outer sheath colour:

Electrical data

Characteristic impedance: Conductor resistance, max.: Insulation resistance, min.: Loop resistance: Mutual capacitance: Test voltage: Attenuation:

Technical data

Weight: bending radius, repeated: Operating temperature range min.: Operating temperature range max.: Caloric load, approx. value: Copper weight:

Norms

Applicable standards:

interbus specification 2.0, IEC61158

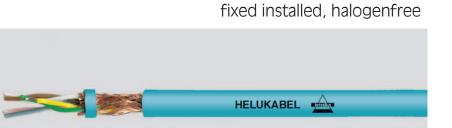
Application

Interbus-S is an inexpensive way to network sensors and actuators with all standard automation instruments. The twisted two-core conductor is used as a standard transfer medium. This bus system replaces the expensive parallel cabling for the different signal types in the lower levels of automation technique and combines the cables in a single bus cable. Interbus components are connected with this long-distance BUS cable. The cable with halogenfree jacket is used for outdoor applications and in the food-industry.

Part no.

81557, I-BUS

Dimensions and specifications may be changed without prior notice.



L HELUKABEL

Fixed installation, indoor

3x2x0.22 mm² Copper, bare (AWG 24/7) PE wh/bn, gn/rd, ye/gn Double core Polyester foil over stranded bundle Polyester foil, aluminium-lined Cu braid, bare PE approx. 7,0 mm ± 0,3 mm Pastel turquoise similar to RAL 6034

RoHS

100 0hm ± 15 0hm 96 Ohm/km 1 GOhm x km 192 Ohm/km max. 50 nF/km nom. 1 kV 256 dB/100m kHz < 1,5 772 kHz < 2,4 dB/100m MHz < 2,7dB/100m 1 4 MHz < 5,2 dB/100m 10 MHz < 8,4 dB/100m MHz < 11,2 dB/100m 16 20 MHz < 11,9 dB/100m

approx. 67 kg/km 110 mm -25°C +60°C 1,10 MJ/m 35,00 kg/km



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