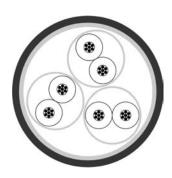


RoHS

I-BUS halogenfree



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: Insulation resistance: Mutual capacitance: Test voltage: Attenuation:



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

100 0hm ± 15 0hm 96,0 0hm/km max. 1,00 G0hm x km min. 50,0 nF/km nom. 1,0 kV

256 < 1,5 dB/100m kH7 dB/100m 772 kHz < 2,4MHz < 2,7dB/100m dB/100m 4 MHz < 5,2 MHz < 8,4 dB/100m 10 MHz < 11,2 dB/100m16 20 MHz < 11,9 dB/100m

Technical data

Weight: approx. 67,00 kg/km Min. bending radius for laying: 110,0 mm
Operating temperature range min.: -25°C
Operating temperature range max.: +60°C

Caloric load, approx. value: 1,10 MJ/m Copper weight: 35,0 kg/km

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.







K