

Product Specifications



InterBus Cable 3x2x0.25 mm²

Description

Interbus is a sensor/actuator bus with low configuration. The frame protocol of this master/slave system offers high communication. The typical topology is a line structure based on the RS485 standard.



Applications

Cable drag chains—also referred to as cable chains, cable carriers, cable track, and energy chains—are flexible hollow structures used to guide, support, and protect cables, hoses, and hydraulic lines when in motion.

Product Specifications

772 kHz < 24,0 dB/km

Type Cable structure	Drag chain applications 3x2x0.25 mm ²
Inner conductor diameter	Copper, bare (AWG 24/19)
Core insulation	PE
Core colours	wh/bn, gn/rd, ye/gn
Stranding element:	Double core
Separator:	Polyester foil over stranded bundle
Total shielding	Cu braid, bare
Outer sheath material	PUR/PVC
Cable external diameter:	app . 7.6 mm ± 0,3 mm
Outer sheath colour:	Pastel turquoise similar to RAL 6034

20 MHz < 119,0 dB/km

Electrical data

Electrical data	Drag chain applications 3x2x0.25 mm ²
Characteristic impedance	100 Ohm ± 15Ohm
Conductor resistance, max	96 Ohm/km
Insulation resistance, min	1 GOhm x km
Loop resistance	192 Ohm/km max .
Mutual capacitance	60 nF/km nom .
Test voltage	1 kV

Product Specifications

Attenuation	772 kHz < 24,0 dB/km
	1 MHz < 27,0 dB/km
	4 MHz < 52,0 dB/km
	10 MHz < 84,0 dB/km
	16 MHz < 112,0 dB/km
	20 MHz < 119,0 dB/km

Technical data

Technical data	Drag chain applications 3x2x0.25 mm ²
Weight	app . 63 kg/km
bending radius, repeated	120 mm
Operating temperature range min .	-20 °C
Operating temperature range max	+70 °C
Caloric load, approx . value	0,937 MJ/m
Copper weight	36,00 kg/km