

IBS RBC METER/E-T - Remote bus cable



2723149
<https://www.phoenixcontact.com/us/products/2723149>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



By the meter, Remote bus cable, INTERBUS, shielded, PVC, black RAL 9005, 6-wire (3 x 2 x 0.22 mm²), color single wire: green-yellow, white-brown, gray-pink, for underground runs

Commercial data

Item number	2723149
Packing unit	1 m
Minimum order quantity	1 m
Note	Made to order (non-returnable)
Sales key	BF11
Product key	BF1LEA
GTIN	4017918141271
Weight per piece (including packing)	95.2 g
Weight per piece (excluding packing)	95.2 g
Customs tariff number	85444993
Country of origin	DE

IBS RBC METER/E-T - Remote bus cable



2723149

<https://www.phoenixcontact.com/us/products/2723149>

Technical data

Product properties

Product type	Remote bus cable
Number of positions	6

Electrical properties

Transmission medium	Copper
---------------------	--------

Cable/line

Number of positions	6
Shielded	yes
Conductor structure	3 x 2 x 0.22 mm ²
Signal speed	0.66 c
Conductor structure signal line	7x 0.20 mm
Conductor cross section	3x 2x 0.22 mm ²
External cable diameter	9.00 mm
Outer sheath, material	PVC
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PE
Single wire, color	green-yellow, white-brown, gray-pink
Twisted pairs	2 cores to the pair
Overall twist	3 pairs to the core
Insulation resistance	≥ 5 GΩ*km
Coupling resistance	< 250.00 mΩ/m (at 30 MHz)
Loop resistance	≤ 186.00 Ω/km
Wave impedance	120 Ω ±20 % (at 64 kHz) 100 Ω ±15 % (with 1 MHz)
Cable capacity	≤ 60 nF/km (At 800 Hz)
Nominal voltage, cable	250 V (Peak value, not for high-power applications)
Test voltage Core/Core	1500 V _{rms}
Test voltage Core/Shield	1000.00 V _{rms}
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	15 x D
Smallest bending radius, fixed installation	68 mm
Smallest bending radius, movable installation	135 mm
Near end crosstalk attenuation (NEXT)	≥ 61 dB (at 772 kHz) ≥ 59 dB (with 1 MHz) ≥ 55 dB (at 2 MHz) ≥ 50 dB (at 4 MHz) ≥ 46 dB (at 8 MHz) ≥ 44 dB (at 10 MHz)

IBS RBC METER/E-T - Remote bus cable



2723149
<https://www.phoenixcontact.com/us/products/2723149>

Shield attenuation	≥ 41 dB (at 16 MHz)
	≥ 40 dB (at 20 MHz)
	≤ 15 dB/km (at 256 kHz)
	≤ 24 dB/km (at 772 kHz)
	≤ 27 dB/km (with 1 MHz)
	≤ 52 dB/km (at 4 MHz)
	≤ 84 dB/km (at 10 MHz)
	≤ 112 dB/km (at 16 MHz)
	≤ 119 dB/km (at 20 MHz)
Ambient temperature (operation)	-30 °C ... 70 °C (cable, fixed installation)
	-5 °C ... 70 °C (Cable, flexible installation)

IBS RBC METER/E-T - Remote bus cable



2723149

<https://www.phoenixcontact.com/us/products/2723149>

Classifications

ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801

ETIM

ETIM 9.0	EC003249
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

IBS RBC METER/E-T - Remote bus cable



2723149

<https://www.phoenixcontact.com/us/products/2723149>

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com