

INDUSTRIAL COMPONENT DATA

IBS RBC METER/E-T 2723149 PHOENIX CONTACT Remote bus cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: IBS RBC METER/E-T



Manufacturer	PHOENIX CONTACT
MPN / Reference	IBS RBC METER/E-T
Catalog number	2723149
Category	Data and communication cable
Minimum order	1 m.
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Product Overview

Remote bus cable

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

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

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataProduct propertiesProduct type Remote bus cable

Number of positions 6

Electrical propertiesTransmission medium Copper

Cable/lineNumber of positions 6

Shielded yes

Conductor structure 3 x 2 x 0.22 mm²

Signal speed 0.66 c

Conductor structure signal line 7x 0.20 mm

Conductor cross section 3x 2x 0.22 mm²

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 $\geq 5 \text{ G}\Omega\cdot\text{km}$
Coupling resistance $< 250.00 \text{ m}\Omega/\text{m}$ (at 30 MHz)
Loop resistance $\leq 186.00 \text{ }\Omega/\text{km}$
Wave impedance $120 \text{ }\Omega \pm 20 \%$ (at 64 kHz)
 $100 \text{ }\Omega \pm 15 \%$ (with 1 MHz)
Cable capacity $\leq 60 \text{ nF/km}$ (At 800 Hz)
Nominal voltage, cable 250 V (Peak value, not for high-power applications)
Test voltage Core/Core 1500 Vrms
Test voltage Core/Shield 1000.00 Vrms
Minimum bending radius, fixed installation $7.5 \times D$
Minimum bending radius, flexible installation $15 \times D$
Smallest bending radius, fixed installation 68 mm
Smallest bending radius, movable installation 135 mm
Near end crosstalk attenuation (NEXT) $\geq 61 \text{ dB}$ (at 772 kHz)
 $\geq 59 \text{ dB}$ (with 1 MHz)
 $\geq 55 \text{ dB}$ (at 2 kHz)
 $\geq 50 \text{ dB}$ (at 4 kHz)
 $\geq 46 \text{ dB}$ (at 8 kHz)
 $\geq 44 \text{ dB}$ (at 10 MHz)
 $\geq 41 \text{ dB}$ (at 16 MHz)
 $\geq 40 \text{ dB}$ (at 20 kHz)
Shield attenuation $\leq 15 \text{ dB/km}$ (at 256 kHz)
 $\leq 24 \text{ dB/km}$ (at 772 kHz)
 $\leq 27 \text{ dB/km}$ (with 1 MHz)
 $\leq 52 \text{ dB/km}$ (at 4 kHz)
 $\leq 84 \text{ dB/km}$ (at 10 MHz)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IBS RBC METER/E-T with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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