

INDUSTRIAL COMPONENT DATA

IBS RBC METER-T 2806286 PHOENIX CONTACT Remote bus cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	IBS RBC METER-T
Catalog number	2806286
Category	Data and communication cable
Minimum order	1 m.
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Product Overview

Remote bus cable

By meters, Cable for remote bus, INTERBUS, shielded, PVC, May green RAL 6017, 6-conductors (3 x 2 x 0.22 mm²), color single conductors: green-yellow, white-brown, gray-pink, fixed arrangement

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

Key Commercial Data

Orderkey 2806286

Packing unit 1 M

Note Made to Order (non-returnable)

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GTIN 4017918074791

Weight per Piece (excluding packing) 70.160 g

Custom tariff number 85444993

Country of origin DE (Germany)

General data

Number of positions 6

Alternative short product description Remote bus cable

Cable

Signal type/category INTERBUS
Cable structure 3 x 2 x 0.22 mm²
Conductor cross section 3x 2x 0.22 mm²
Conductor structure signal line 7x 0.20 mm
Wire colors Green-yellow, white-brown, gray-pink
Twisted pairs 2 cores to the pair
Overall twist 3 pairs to the core
Shielding Braided copper wires
External sheath, color may green RAL 6017
External cable diameter D 7 mm
Minimum bending radius, fixed installation 7.5 x D
Minimum bending radius, flexible installation 15 x D
Outer sheath, material PVC
Material conductor insulation PE
Conductor material Bare Cu litz wires
Insulation resistance $\geq 5 \text{ G}\cdot\text{km}$
Loop resistance $\leq 186.00 \text{ }\Omega/\text{km}$
Cable capacity $\leq 60 \text{ nF/km}$ (At 800 Hz)
Wave impedance $120 \text{ }\Omega \pm 20 \%$ (at 64 kHz)
 $100 \text{ }\Omega \pm 15 \%$ (with 1 MHz)
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)
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)
 $\leq 112 \text{ dB/km}$ (at 16 MHz)
 $\leq 119 \text{ dB/km}$ (at 20 kHz)
Signal speed 0.66 c
Coupling resistance $< 250.00 \dots$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IBS RBC METER-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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