INDUSTRIAL COMPONENT DATA

SPE-T1-M12MS/ 5,0-99B 1478366 PHOENIX CONTACT Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPE-T1-M12MS/ 5,0-99B



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPE-T1-M12MS/ 5,0-99B
Catalog number	1478366
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-B1B3532E6D
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Product Overview

Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole, halogen-free PUR, green, shielded (Advanced Shielding Technology), Straight connector M12-SPE / IP67, to free cable end, cable length: 5 m
Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole halogen-free, shielded (Advanced Shielding Technology), M12-SPE / IP67 straight connector, free cable end, cable length: 5 m
Network cable, Single Pair Ethernet CAT B (1 Gbps), 2-position halogen-free, shielded (Advanced Shielding Technology), Plug straight M12-SPE / IP67, on free cable end, cable length: 5 m

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 Data cable preassembled
Sensor type Single Pair Ethernet
Number of positions 2
Application Standard
No. of cable outlets 1
Shielded yes
Insulation characteristics
Overvoltage category I
InterfacesBus system Ethernet
Signal type/category Single Pair Ethernet CAT B (ISO/IEC 63171), 1 Gbps

SignalingStatus display No
Status display present No
Electrical propertiesNominal voltage UN 72 V DC
Transmission medium Copper
Material specificationsFlammability rating according to UL 94 V0
ConnectorConnection 1
Type Plug straight M12-SPE / IP67
Shielded yes
Insertion/withdrawal cycles <= 100
Degree of protection IP67
Ambient temperature (operation) -25 °C ... 85 °C
Connection 2
Type free cable end
Cable/lineCable length 5 m
Single Pair Ethernet PUR flexible, green [99B]
Dimensional drawing
Cable weight 42 kg/km
UL AWM Style 20233 (80°C/300 V)
Number of positions 2
Shielded yes
Cable type Single Pair Ethernet PUR flexible, green [99B]
Conductor structure 1 x 2 x AWG 22/7, S/FTP
Conductor structure signal line 7x
AWG signal line 22
Conductor cross section 2x 0.34 mm²
Wire diameter incl. insulation 1.8 mm
External cable diameter 5.8 mm ±0.3 mm
Outer sheath, material PUR
External sheath, color green
Conductor material Bare Cu litz wires
Material wire insulation Foamed PE
Single wire, color white, blue
Thickness, outer sheath 0.8 mm
Twisted pairs 2 cores to the pair
Overall twist 1 pair with fillers twisted horizontally
Optical shield covering 90 %
I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPE-T1-M12MS/ 5,0-99B 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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