INDUSTRIAL COMPONENT DATA

SPE-T1-M12MS/ 5,0-99B/M12MS 1478377 PHOENIX CONTACT Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SPE-T1-M12MS/ 5,0-99B/M12MS
Catalog number	1478377
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-AC0B677FD9
Generated	2026-11-18

Product Overview

Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole, halogen-free PUR, green, shielded (Advanced Shielding Technology), M12-SPE / IP67 straight connector, to M12-SPE / IP67 straight connector, cable length: 5 m
Network cable, Single Pair Ethernet CAT B (1 GBit/s), 2-pole halogen-free, shielded (Advanced Shielding Technology), Straight connector M12-SPE / IP67, to Straight connector M12-SPE / IP67, 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 Plug straight M12-SPE / IP67, 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 Plug straight M12-SPE / IP67
Shielded yes
Handle color black
Material CuSn (Contact)
Ni/Au (Contact surface)
PP (Contact carriers)
TPU, hardly inflammable, self-extinguishing (Grip)
Zinc die-cast, nickel-plated (Screw connection)
FKM (Seal)
Insertion/withdrawal cycles <= 100
Degree of protection IP67
Ambient temperature (operation) -25 °C ... 85 °C
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.