INDUSTRIAL COMPONENT DATA

NBC-M12MRXC2/ 4,0-94F/R4AC 1578917 PHOENIX CONTACT Network cable, Ethernet CAT6 sub to /sub CAT6 sub to /sub..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MRXC2/ 4,0-94F/R4AC

Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MRXC2/ 4,0-94F/R4AC
Catalog number	1578917
Category	Sensor-actuator patch cord
Minimum order	25 Pcs
Document ID	EO-9CC34ED32D
Generated	2026-11-19

Product Overview

Network cable, Ethernet CAT6toCAT6to(10 GBit/s), 8-pole, halogen-free PUR, water blue RAL 5021, M12 angled connector, encoding: X, a Straight RJ45 / IP20 connector, cable length: 4 m, C2 coding
Network cable
Network cable, Ethernet CAT6A CAT6A (10 Gbps), 8-position, Plug angled M12, coding: X, on Plug straight RJ45 / IP20, cable length: 4 m, C2 coding

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 Ethernet
Number of positions 8
No. of cable outlets 1
Shielded yes
Coding X
InterfacesSignal type/category Ethernet CAT6A
Electrical propertiesNominal voltage UN 48 V AC
60 V DC
Nominal current IN 0.5 A
Transmission characteristics (category) CAT6A

ConnectorConnection 1
Type Plug angled M12
Number of positions 8
Coding type X (Data)
Material CuZn (Contact)
Ni/Au (Contact surface)
PP (Contact carriers)
TPU, hardly inflammable, self-extinguishing (Grip)
Zinc die-cast, nickel-plated (Screw connection)
Connection 2
Type Plug straight RJ45 / IP20
Number of positions 8
Material CuSn (Contact)
Ni/Au (Contact surface)
PC (Contact carriers)
PA (Housing)
Degree of protection IP20
Cable/lineCable length 4 m
Ethernet 10 Gbit [94F]
Dimensional drawing
Shielded yes
UL AWM Style 20963 (80°C/30 V)
Cable weight 42 kg/km
Cable type Ethernet 10 Gbit
Short symbol 02YSC11Y
Cable type (abbreviation) 94F
Signal type/category Ethernet CAT6A, 10 Gbps
Cable structure 4x2xAWG26/7; S/FTP
External cable diameter 6.4 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color water blue RAL 5021
Thickness, outer sheath 0.65 mm
Conductor material Bare Cu litz wires
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 4x 2x 0.14 mm²
Material wire insulation Foamed PE
Wire diameter incl. insulation 1.04 mm
Single wire, color white/blue-blue, white/orange-orange, white/green-green, white/brown-b...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MRXC2/ 4,0-94F/R4AC 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.