INDUSTRIAL COMPONENT DATA

# NBC-M12MRXC2/ 1,0-94F/R4AC 1578901 PHOENIX CONTACT Network cable, CAT6A Ethernet CAT6A (10 GBit/s), 8-pole, ..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MRXC2/ 1,0-94F/R4AC**

| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | NBC-M12MRXC2/ 1,0-94F/R4AC |
| Catalog number | 1578901 |
| Category | Sensor-actuator patch cord |
| Minimum order | 25 Pcs |
| Document ID | EO-F6857FCF75 |
| Generated | 2026-11-19 |

## Product Overview

Network cable, CAT6A Ethernet CAT6A (10 GBit/s), 8-pole, shielded (Advanced Shielding Technology), M12 angled connector, encoding: X, a Straight RJ45 / IP20 connector, cable length: 1 m, C2 coding
Network cable

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Field Connectivity (IFC) |

## Additional Product Information

Technical dataItem PropertiesProduct Type Ready-made data cable
Sensor Type Ethernet
Number of poles 8
Number of Cable Outlets 1
Shielded Yes
Codification X
InterfacesSignal Type/Category Ethernet CAT6to
Electrical PropertiesNominal voltage UN 48 V AC
60 V DC
Nominal Current IN 0.5 A
Transmission Characteristics (Category) CAT6to
ConnectorsConnection 1
Construction M12 Angled Connector

Number of poles 8
Encoding Type X (Data)
Material CuZn (Contact)
Ni/Au (Surface Contacts)
PP (Contact Support)
TPU, low flammable, self-extinguishing (Grip body)
Zinc die-casting, nickel-plated (Screw connection)
Connection 2
Construction RJ45 / IP20 straight connector
Number of poles 8
Material CuSn (Contact)
Ni/Au (Surface Contacts)
PC (Contacts Support)
PA (Housing)
Protection Index IP20
Cable/LineCable length 3 /
Ethernet 10 GBit [94F]
Dimension Scheme
Shielded Yes
UL AWM Style 20963 (80 °C / 30 V)
Cable Weight 42 kg/km
Cable type Ethernet 10 GBit
Abbreviation 02YSC11Y
Cable Type (abbreviation) 94F
Signal Type/Category Ethernet CAT6to, 10 GBit/s
Cable Structure 4x2xAWG26/7; S/FTP
Cable Outer Diameter 6.4 mm ±0.2 mm
Outer Wrap, Material PUR
Outer Wrap, Color aqua blue RAL 5021
Wall Thickness Outer Wrap 0.65 mm
Conductive Material Naked Cu Conductor
Conductor Construction Signal Cable 7x 0.16 mm
AWG Signal Line 26
Line Section 4x 2x 0.14 mm²
Material: Conductor Insulation Foamed PE
Conductor diameter incl. insulation 1.04 mm
Single Driver, Color white/blue-blue, white/orange-orange, white/gr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MRXC2/ 1,0-94F/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

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