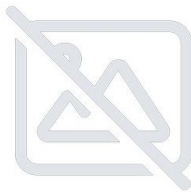


**INDUSTRIAL COMPONENT DATA**

# NBC-M12MRXC2/ 5,0-94F/R4AC 1578922 PHOENIX CONTACT

## Network cable, Ethernet CAT6 sub to /sub CAT6 sub to /sub..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MRXC2/ 5,0-94F/R4AC



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-M12MRXC2/ 5,0-94F/R4AC |
| Catalog number  | 1578922                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 25 Pcs                     |
| Document ID     | EO-81F1FEBF3F              |
| Generated       | 2026-08-01                 |

### 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: 5 m, C2 coding

Network cable

Network Cable, Ethernet CAT6A CAT6A (10 Gbit/s), 8-pin, Angled M12 Connector, Encoding: X, on Straight Connector RJ45 / IP20, Cable Length: 5 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 dataItem propertiesProduct Type Data cable assembled

Sensor type Ethernet

Number of poles 8

Number of cable outlets 1

Shielded Yes

Coding X

InterfacesSignal Type/Category Ethernet CAT6A

Electrical propertiesRated voltage UN 48 V AC

60 V DC

Nominal current IN 0.5 A

Transmission Characteristics (Category) CAT6A

**Connectors**Port 1

Design Connector angled M12

Number of poles 8

Encoding type X (Data)

Material CuZn (Contact)

Ni/Au (contact surface)

PP (contact carrier)

TPU, flame retardant, self-extinguishing (handle body)

Die-cast zinc, nickel-plated (screw connection)

**Port 2**

Design Plug straight RJ45 / IP20

Number of poles 8

Material CuSn (Contact)

Ni/Au (contact surface)

PC (contact carrier)

PA (Housing)

Degree of protection IP20

Cable / WireCable length 5 m

Ethernet 10 GBit [94F]

Dimensional drawing

Shielded Yes

UL AWM Style 20963 (80 °C / 30 V)

Line weight 42 kg/km

Line Type Ethernet 10 GBit

Abbreviation 02YSC11Y

Cable type (characters) 94F

Signal Type/Category Ethernet CAT6A, 10 Gbit/s

Cable structure 4x2xAWG26/7; S/FTP

Pipe outer diameter 6.4 mm ±0.2 mm

Outer Jacket, Material PUR

Outer Jacket, Colour water blue RAL 5021

Wall thickness outer jacket 0.65 mm

Material Conductor bare copper wire

Conductor structure Signal cable 7x 0.16 mm

AWG signal line 26

Cable cross-section 4x 2x 0.14 mm<sup>2</sup>

Material Core Insulation foamed PE

Core diameter including insulation 1.04 mm

Single wire, colour white/blue-blue, white/orange-orange, white/green-green, white/brown-brown

Pair stra...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MRXC2/ 5,0-94F/R4AC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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