

**INDUSTRIAL COMPONENT DATA**

# NBC-MSX/20,0-94C/R4AC SCO KY 1424078 PHOENIX CONTACT Network cable NBC-MSX/20,0-94C/R4AC SCO KY 1424078

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-MSX/20,0-94C/R4AC SCO KY



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | PHOENIX CONTACT                  |
| MPN / Reference | NBC-MSX/20,0-94C/R4AC SCO KY     |
| Catalog number  | 1424078                          |
| Category        | Patch cord copper (twisted pair) |
| Minimum order   | 20 Pcs                           |
| Document ID     | EO-64914FBF24                    |
| Generated       | 2026-08-06                       |

## Product Overview

Network cable - NBC-MSX/20,0-94C/R4AC SCO KY - 1424078

Network cable, Ethernet CAT6A (10 GBit/s), 8-pole, shielded, M12 straight connector, coding: X SPEEDCON, a RJ45 straight connector, cable length: 20 m, Customer variant

**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

Network cable, Ethernet CAT6A(10 Gbps), 8-position, PUR, water blue RAL 5021, shielded, cable length: 20 m, Customer version

Key Commercial Data

Orderkey 1424078

Packing unit 1

GTIN 4055626367637

Custom tariff number 85444290

Dimensions

Length of cable 20 m

Ambient conditions

Ambient temperature (operation) -25 °C ... 90 °C (M12 connector)

-20 °C ... 70 °C (RJ45 connector)

General data

Rated current at 40°C 0.5 A

Rated voltage 30 V AC

30 V DC

Number of positions 8

Signal type/category Ethernet CAT6A, 10 Gbps

Standards/regulations M12 connector IEC 61076-2-109

Contact material CuSn

Contact carrier material PP

Contact surface material Ni/Au

Housing material Plastic

Standards and Regulations

Standard designation M12 connector

Standards/regulations IEC 61076-2-109

Cable

Cable type Ethernet drag chain CAT5

Cable type (abbreviation) 94C

UL AWM style 20963 (80°C/30 V)

Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps

Cable structure 4x2xAWG26/19; S/UTP

Conductor cross section 4x 2x 0.14 mm<sup>2</sup>

AWG signal line 26

Conductor structure signal line 19x 0.10 mm

Core diameter including insulation 1 mm

Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown

Twisted pairs 2 cores to the pair

Overall twist Four pairs and four fillers to the core

Shielding Tinned copper braided shield

Optical shield covering 90 %

External sheath, color water blue RAL 5021

Outer sheath thickness 0.85 mm

External cable diameter D 6.9 mm +0.1 mm ... 0.2 mm

Minimum bending radius,...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-MSX/20,0-94C/R4AC SCO KY 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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