

INDUSTRIAL COMPONENT DATA

NBC-FSBPXS/1,0-94F/R4AC-10G 1412315 PHOENIX CONTACT

Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-FSBPXS/1,0-94F/R4AC-10G



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-FSBPXS/1,0-94F/R4AC-10G
Catalog number	1412315
Category	Circular connector, mounting (with cable)
Minimum order	10 Pcs
Document ID	EO-E1CC10E5B9
Generated	2026-08-05

Product Overview

Network cable

Ready-made Ethernet cable, CAT6A, shielded, 4 pairs, M12 built-in mount female, rear wall/screwed mount with M16 thread on RJ45/IP20 connector, length 1 m

Network cable, protection rating: IP67/IP20, cable length: 1 m, number of poles: 8, 10 GBit/s, CAT6A, cable output: straight, Ethernet

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 > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data

Orderkey 1412315

Packing unit 1 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

GTIN 4046356953566

Weight per Piece (excluding packing) 82.200 g

Custom tariff number 85444290

Country of origin PL (Poland)

Ambient conditions

Degree of protection IP67 (M12 socket)

IP20 (RJ45 connector)

Ambient temperature (operation) -25 °C ... 60 °C (Plug / socket)

General data

Rated current at 40°C 0.5 A

Rated voltage 48 V

Number of positions 8

Alternative short product description Ethernet cable

Rated voltage (III/3) 72 V (DC)

Contact material CuZn

Contact carrier material PPA

Contact surface material gold-plated

Characteristics head 1

Coding X (Data)

Cable

Cable type Ethernet 10 Gbit

Cable type (abbreviation) 94F

UL AWM style 20963 (80°C/30 V)

Signal type/category Ethernet CAT6A, 10 Gbps

Cable structure 4x2xAWG26/7; S/FTP

Conductor cross section 4x 2x 0.14 mm²

AWG signal line 26

Conductor structure signal line 7x 0.16 mm

Core diameter including insulation 1.04 mm

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

Twisted pairs 2 cores to the pair

Type of pair shielding Aluminum-lined foil

Overall twist 4 pairs for core

Shielding Tinned copper braided shield

Optical shield covering 70 %

External sheath, color water blue RAL 5021

Outer sheath thickness 0.65 mm

External cable diameter D 6.4 mm ±0.2 mm

Minimum bending radius, fixed installation 4 x D

Minimum bending radius, flexible installation 8 x D

Tensile strength....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-FSBPXS/1,0-94F/R4AC-10G 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.