

INDUSTRIAL COMPONENT DATA

NBC-R4AC1/2,0-94G/R4AC1-YE 1421171 PHOENIX CONTACT

Patch cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4AC1/2,0-94G/R4AC1-YE



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-R4AC1/2,0-94G/R4AC1-YE
Catalog number	1421171
Category	Patch cord copper (twisted pair)
Minimum order	1 Pcs
Document ID	EO-8E1A173D11
Generated	2026-08-04

Product Overview

Patch cable

Patch cable, protection rating: IP20, cable length: 2 m, number of poles: 8, 10 GBit/s, CAT6to

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 1421171

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626254821

Weight per Piece (excluding packing) 94.000 g

Custom tariff number 85444210

Country of origin DE (Germany)

Mechanical characteristics

Number of positions 8

Shielded yes

Length of cable 2.00 m

Degree of protection IP20

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C (RJ45 connector)

-25 °C ... 75 °C (cable)

Material data

Outer sheath, material PUR

External sheath, color yellow

Electrical characteristics

Number of positions 8

Nominal voltage UN 48 V

Nominal current IN 0.5 A

GRP transmission properties CAT6A

Transmission speed 10 Gbps (500 MHz)

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

Shielded yes

Outer sheath, material PUR

External sheath, color yellow

Conductor structure signal line 6.00 mm +0.2 mm -0.1 mm

Diameter 6.00 mm

Tolerance +0.2 mm -0.1 mm

AWG signal line 26

Shielding S/FTP

Insulation resistance 2000 M? $\cdot$ km (500 V)

2000 M? $\cdot$ km

Additional text 500 V

Coupling resistance 30.00 m $\cdot$ /m (30 MHz)

30.00 m $\cdot$ /m

Additional text 30 MHz

Test voltage 1000 V DC (1 minute)

Voltage 1000 V DC

Additional text 1 minute

Material wire insulation PE

PE

Fixed cable length 2.00 m

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 7.027060308eCl@ss 8.027060308eCl@ss 9.027060308

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4AC1/2,0-94G/R4AC1-YE 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.