

## INDUSTRIAL COMPONENT DATA

# NBC-R4AC1/3,0-94G/R4AC1-RD 1421143 PHOENIX CONTACT

## Patch cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4AC1/3,0-94G/R4AC1-RD



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | PHOENIX CONTACT                  |
| MPN / Reference | NBC-R4AC1/3,0-94G/R4AC1-RD       |
| Catalog number  | 1421143                          |
| Category        | Patch cord copper (twisted pair) |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-653E7043A8                    |
| Generated       | 2026-08-03                       |

## Product Overview

Patch cable

Patch cable, protection rating: IP20, cable length: 3 m, number of poles: 8, 10 GBit/s, CAT6to

Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, CAT6A, 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

Technical dataProduct propertiesProduct type Data cable preassembled

Sensor type Ethernet

Number of positions 8

Shielded yes

SignalingStatus display no

Status display present No

Electrical propertiesRated voltage (III/3) 72 V (DC)

Nominal voltage UN 48 V

Nominal current IN 0.5 A

Transmission medium Copper

Transmission speed 10 Gbps

Mechanical propertiesMechanical data

Insertion force per signal contact 50.00 N

Extraction force per signal contact 30 N  
Material specifications Outer sheath, material PUR  
Connector Connection 2  
Type Plug straight RJ45  
Shielded yes  
Insertion/withdrawal cycles  $\geq 750$   
Degree of protection IP20  
Cable/line Cable length 3.00 m  
Cable structure 2x2xAWG26/7, S/FTP  
Outer sheath, material PUR  
External sheath, color red  
Conductor structure signal line 6.00 mm +0.2 mm -0.1 mm  
AWG signal line 26  
Material wire insulation PE  
Shielding S/FTP  
Test voltage, cable 1000 V DC (1 minute)  
Cable insulation resistance 2000 M $\Omega$ \*km (500 V)  
Coupling resistance 30.00 m $\Omega$ /m (30 MHz)  
Smallest bending radius, movable installation 25 mm (without load)  
Flame resistance IEC 60332-1  
Environmental and real-life conditions Ambient conditions  
Degree of protection IP20  
Ambient temperature (operation) -25 °C ... 60 °C (RJ45 connector)  
-25 °C ... 75 °C (cable)  
Standards and regulations Flame resistance IEC 60332-1

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4AC1/3,0-94G/R4AC1-RD 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

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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