

## INDUSTRIAL COMPONENT DATA

# NBC-R4OC/12,5-BC5/R4OC-GR 1523691 PHOENIX CONTACT

## Patch cable, protection rating: IP20

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4OC/12,5-BC5/R4OC-GR



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | NBC-R4OC/12,5-BC5/R4OC-GR  |
| Catalog number  | 1523691                    |
| Category        | Sensor-actuator patch cord |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-9B27DB7D19              |
| Generated       | 2026-08-05                 |

### Product Overview

Patch cable, protection rating: IP20

Patch cable, degree of protection: IP20, cable length: 12.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: 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 |
|--------------|-----------------|

### Additional Product Information

Technical dataProduct propertiesSensor type Ethernet

Number of positions 8

Shielded yes

Cable outlet straight

Insulation characteristics

Overvoltage category I

Degree of pollution 2

Electrical propertiesRated voltage (III/2) 72 V

Transmission medium Copper

Power transmission PoE++

Material specificationsFlammability rating according to UL 94 V0

Contact material Brass

Contact surface material Au

Contact carrier material PC  
Outer sheath, material LSZH  
Connection dataConnection technology  
Connection method Pierce connection  
Conductor connection  
Connection method Pierce connection  
ConnectorConnection 1  
Type Plug straight RJ45  
Handle color green  
Insertion/withdrawal cycles  $\geq 750$   
Degree of protection IP20  
Ambient temperature (operation) -20 °C ... 80 °C  
Connection 2  
Type Plug straight RJ45  
Handle color green  
Insertion/withdrawal cycles  $\geq 750$   
Degree of protection IP20  
Ambient temperature (operation) -20 °C ... 80 °C  
Cable/lineCable length 12.50 m  
Ethernet, Type B, 8-pos., CAT5, LSZH [BC5]  
Shielded yes  
Cable type Ethernet, Type B, 8-pos., CAT5, LSZH  
Cable type (abbreviation) BC5  
Cable structure 2x2xAWG26/7, S/UTP  
External cable diameter 5.7 mm  $\pm 0.3$  mm  
Outer sheath, material LSZH  
External sheath, color gray  
Thickness, outer sheath approx. 0.7 mm  
Conductor material Bare Cu litz wires  
Conductor structure signal line 7x 0.16 mm  
AWG signal line 26  
Material wire insulation PE  
Single wire, number of litz wires 8  
Wire diameter incl. insulation 0.85 mm  
Single wire, cross section [AWG] 26  
Shi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4OC/12,5-BC5/R4OC-GR 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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