

INDUSTRIAL COMPONENT DATA

NBC-R4AC/5,0-93K/R4AC 1412469 PHOENIX CONTACT Patch cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4AC/5,0-93K/R4AC



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-R4AC/5,0-93K/R4AC
Catalog number	1412469
Category	Patch cord copper (twisted pair)
Minimum order	50 Pcs
Document ID	EO-4F8BA4FF69
Generated	2026-07-29

Product Overview

Patch cable

Patch cable, protection index: IP20, cable length: 5 m, number of poles: 4, Sercos

Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 4, 100 Mbps, Sercos

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

Application Standard

Sensor type Sercos

Number of positions 4

Shielded yes

Insulation characteristics

Overvoltage category I

Degree of pollution 1

SignalingStatus display no

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

Transmission medium Copper

Transmission characteristics (category) CAT5

Transmission speed 100 Mbps

Mechanical propertiesMechanical data

Insertion force per signal contact 50.00 N

Extraction force per signal contact 30 N

Material specificationsFlammability rating according to UL 94 V0

ConnectorConnection 1

Type Plug straight RJ45

Shielded yes

Handle color black

Material CuSn (Contact)

Ni/Au (Contact surface)

PA (Contact carriers)

PA (Housing)

Insertion/withdrawal cycles ≥ 750

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 80 °C

Connection 2

Type Plug straight RJ45

Shielded yes

Handle color black

Material CuSn (Contact)

Ni/Au (Contact surface)

PA (Contact carriers)

PA (Housing)

Insertion/withdrawal cycles ≥ 750

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 80 °C

Cable/lineCable length 5.00 m

Sercos III [93K]

Dimensional drawing

Shielded yes

UL AWM Style 21694 (60 °C / 600 V)

Cable weight 68 kg/km

Cable type Sercos III

Cable type (abbreviation) 93K

Signal type/category Sercos CAT5 (IEC 11801), 100 Mbps

Cable structure 1x4xAWG22/7, SF/TQ

External cable diameter 6.50 mm ± 0.2 mm

Outer sheath, material PVC

External sheath, color signal red RAL 30...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4AC/5,0-93K/R4AC 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.