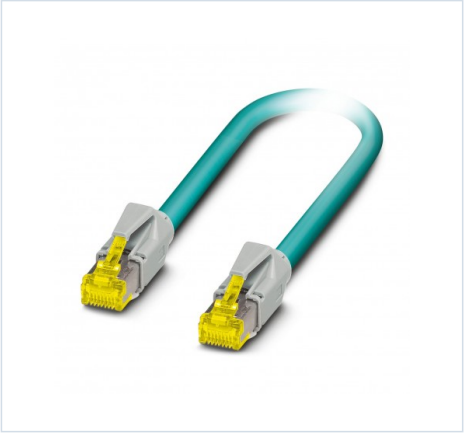
INDUSTRIAL COMPONENT DATA

NBC-R4AC-10G/0,5-94F/R4AC-10G 1422210 PHOENIX CONTACT Patch cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4AC-10G/0,5-94F/R4AC-10G



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-R4AC-10G/0,5-94F/R4AC-10G
Catalog number	1422210
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-4CEE659359
Generated	2026-11-19

Product Overview

Patch cable
Patch cable, CAT6A, 4 pairs, shielded, non-cross connection (Line), made on both sides with RJ45/IP20 plug-in connectors, outer sheath material: PUR, length: 0.5 m
Patch cable, CAT6A, 4-pair, shielded, connection not crossed (Line), assembled at both ends with RJ45/IP20 connectors; outer sheath material: PUR; length: 0.5 m

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
Data management status
Article revision 03
Electrical propertiesRated voltage (III/3) 72 V (DC)
Nominal voltage UN 48 V
Nominal current IN 0.5 A
Transmission medium Copper
Transmission characteristics (category) CAT6A

Transmission speed 10 Gbps
Wave impedance 100 ?
Mechanical propertiesMechanical data
Insertion/withdrawal cycles 200
Insertion force per signal contact 50.00 N
Extraction force per signal contact 30 N
Material specificationsOuter sheath, material PUR
Conductor material Bare Cu litz wires
ConnectorConnection 1
Type Plug straight RJ45
Shielded yes
Insertion/withdrawal cycles >= 750
Degree of protection IP20
Connection 2
Type Plug straight RJ45
Shielded yes
Insertion/withdrawal cycles >= 750
Degree of protection IP20
Cable/lineCable length 0.50 m
Ethernet 10 Gbit [94F]
Dimensional drawing
Shielded yes
UL AWM Style 20963 (80°C/30 V)
Cable weight 42 kg/km
Cable type Ethernet 10 Gbit
Short symbol 02YSC11Y
Cable type (abbreviation) 94F
Signal type/category Ethernet CAT6A, 10 Gbps
Cable structure 4x2xAWG26/7; S/FTP
External cable diameter 6.40 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color water blue RAL 5021
Thickness, outer sheath 0.65 mm
Conductor material Bare Cu litz wires
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 4x 2x 0.14 mm²
Material wire insulation Foamed PE
Wire diameter incl. ins...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4AC-10G/0,5-94F/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

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