INDUSTRIAL COMPONENT DATA

NBC-R4ACS/6,0-94F/R4ACS 1536422 PHOENIX CONTACT Patch cable, RJ45/IP20 straight to RJ45/IP20 straight, numbe..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4ACS/6,0-94F/R4ACS



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-R4ACS/6,0-94F/R4ACS
Catalog number	1536422
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-4C4F2F3B2A
Generated	2026-11-19

Product Overview

Patch cable, RJ45/IP20 straight to RJ45/IP20 straight, number of poles: 8, 10 GBit/s, CAT6to, Ethernet, 4x2xAWG26/7; S/FTP, aqua blue RAL 5021
Patch cable, protection rating: IP20, material: PP, connection type: Pierce connection
Patch cable, degree of protection: IP20, material: PP, connection method: Pierce connection

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 propertiesInsulation characteristics
Overvoltage category I
Degree of pollution 2
Electrical propertiesContact resistance < 20 m?
Transmission characteristics (category) CAT6A
Transmission speed 10 Gbps
Mechanical propertiesMechanical data
Insertion force per signal contact 50.00 N
Extraction force per signal contact 30 N
Material specificationsContact material CuSn6
Contact surface material Ni/Au
Contact carrier material PC

Housing material PP
DimensionsWidth 13.8 mm
Height 14.8 mm
Length 44.2 mm
Connection dataConnection technology
Connection method Pierce connection
Conductor connection
Connection method Pierce connection
ConnectorConnection 1
Type Plug straight RJ45
Shielded yes
Handle color black
Insertion/withdrawal cycles >= 750
Degree of protection IP20
Connection 2
Type Plug straight RJ45
Shielded yes
Handle color black
Insertion/withdrawal cycles >= 750
Degree of protection IP20
Cable/lineEthernet 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 6.4 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 insu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4ACS/6,0-94F/R4ACS 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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