INDUSTRIAL COMPONENT DATA

NBC- 2,0-94B/FR SCO US 1406115 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-2,0-94B/FR SCO US



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-2,0-94B/FR SCO US
Catalog number	1406115
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-64DB060130
Generated	2026-11-18

Product Overview

Network cable
Network cable, CAT5 Ethernet (1 GBit/s), 8-pole halogen-free, shielded, free cable end, to Elbow Female M12, encoding: A/IP67, cable length: 2 m
Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on Socket angled M12, coding: A / IP67, cable length: 2 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 > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataProduct propertiesProduct type Data cable preassembled
Application Standard, U.S. cables
Sensor type Ethernet
Number of positions 8
Shielded yes
Coding A
InterfacesBus system Ethernet
Signal type/category Ethernet CAT5 (based on IEC 11801), 1 Gbps
SignalingStatus display no
Status display present No
Electrical propertiesNominal voltage UN 48 V AC

60 V DC
Nominal current IN 2 A
Transmission medium Copper
Transmission characteristics (category) CAT5 (IEC 11801:2002)
Material specificationsSeal material NBR
Material of grip body TPU, hardly inflammable, self-extinguishing
Contact material CuSn
Contact surface material Ni/Au
Contact carrier material TPU GF
Material for screw connection Zinc die-cast, nickel-plated
ConnectorConnection 1
Type free cable end
Connection 2
Type Socket angled M12 / IP67
Coding type A (Standard)
Degree of protection IP67
Cable/lineCable length 2 m
Ethernet flexible CAT5, 4-pair [94B]
Dimensional drawing
Cable weight 47 kg/km
UL AWM Style 20963 (80°C/30 V)
Number of positions 8
Shielded yes
Cable type Ethernet flexible CAT5, 4-pair [94B]
Conductor structure 4x2xAWG26/7, SF/UTP
Signal runtime 5.3 ns/m
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 4x 2x 0.14 mm²
Wire diameter incl. insulation 0.96 mm
External cable diameter 6.40 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color water blue RAL 5021
Conductor material Bare Cu litz wires
Material wire insulation Foamed PE
Single wire, color whi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-2,0-94B/FR SCO US 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.