INDUSTRIAL COMPONENT DATA

NBC-R4AC/50,0-93G/R4ACR 1409741 PHOENIX CONTACT Patch cable NBC-R4AC/50,0-93G/R4ACR 1409741

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-R4AC/50,0-93G/R4ACR



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-R4AC/50,0-93G/R4ACR
Catalog number	1409741
Category	Patch cord copper (twisted pair)
Minimum order	100 Pcs
Document ID	EO-CBD8A57672
Generated	2026-11-19

Product Overview

Patch cable - NBC-R4AC/50,0-93G/R4ACR - 1409741
EtherCAT® patch cable, shielded, star quad, 22 AWG stranded (7-wire), green, straight RJ45 plug/IP20 to angled RJ45 plug/IP20, length: 50 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 propertiesSensor type EtherCAT®
Number of positions 4
Electrical propertiesRated voltage (III/3) 72 V (DC)
Transmission medium Copper
ConnectorConnection 1
Type Plug straight RJ45
Handle color black
Connection 2
Type Plug angled RJ45
Handle color black
Cable/linePROFINET PVC stranded CAT5 [93B]
Dimensional drawing
Shielded yes

UL AWM Style 21694
Cable weight 67 kg/km
Cable type PROFINET PVC stranded CAT5
Short symbol 2YY(ST)CY
Cable type (abbreviation) 93B
Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps
EtherCAT® 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 green RAL 6018
Thickness, outer sheath approx. 0.90 mm
Material, inner sheath PVC
Conductor material Tin-plated Cu litz wires
Conductor structure signal line 7x 0.25 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm²
Material wire insulation PE
Wire diameter incl. insulation 1.55 mm
Single wire, color white, yellow, blue, orange
Overall twist Star quad
Shielding Aluminum-coated foil, tinned copper braided shield
Optical shield covering 85 %
Nominal voltage, cable 600 V
Test voltage Core/Core 2000 V (50 Hz, 1 min.)
Test voltage Core/Shield 2000.00 V (50 Hz, 1 min.)
Cable insulation resistance >= 500 M?*km
Coupling resistance <= 20.00 m?/m (at 10 MHz)
Wave impedance 100 ? ±15 ? (at 100 MHz)
Loop resistance <= 120.00 ?/km
Signal runtime 5.3 ns/m
Signal speed 0.66 c
Minimum bending radi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-R4AC/50,0-93G/R4ACR 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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