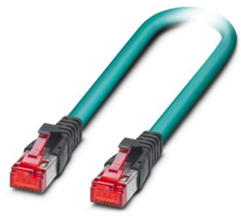
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NBC-R4AC1/0,5-94G/R4AC1-BU - Patch cable

1413159

https://www.phoenixcontact.com/gb/products/1413159

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Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 10 Gbps, $CAT6_A$, connection method: Pierce connection, Ethernet

Your advantages

- Perfect for industrial applications
- Perfect for office, building, and protected industrial applications (e.g., in control cabinets)
- Compact angle

Commercial data

Item number	1413159
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABNABH
Product key	ABNABH
Catalog page	Page 387 (C-2-2019)
GTIN	4046356989947
Weight per piece (including packing)	27.5 g
Weight per piece (excluding packing)	27.5 g
Customs tariff number	85444210
Country of origin	PL

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Technical data

Product properties

Product type	Data cable preassembled
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Shielded	yes

Data management status

Article revision	04

Signaling

Status display	no
Status display present	No

Electrical properties

Rated voltage (III/3)	72 V (DC)
Nominal voltage U_N	48 V
Nominal current I_N	0.5 A
Transmission medium	Copper
Transmission speed	10 Gbps

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	200
Insertion force per signal contact	50.00 N
Extraction force per signal contact	30 N

Material specifications

Contact material	CuSn
Contact surface material	Au
Contact carrier material	PC
Outer sheath, material	PUR

Connection data

Connection technology

Connection method	Pierce connection

Conductor connection

Connection method	Pierce connection

Connector

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Connection 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/line

Cable length	0.50 m
Cable type	Ethernet 10 Gbit
Cable structure	2x2xAWG26/7, S/FTP
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor structure signal line	6.00 mm +0.2 mm -0.1 mm
AWG signal line	26
Material wire insulation	PE
Shielding	S/FTP
Test voltage, cable	1000 V DC (1 minute)
Cable insulation resistance	2000 MΩ*km (500 V)
Coupling resistance	30.00 mΩ/m (30 MHz)
Halogen-free	according to IEC 60754-1
Flame resistance	IEC 60332-1

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 60 °C (RJ45 connector)

Standards and regulations

Flame resistance	IEC 60332-1

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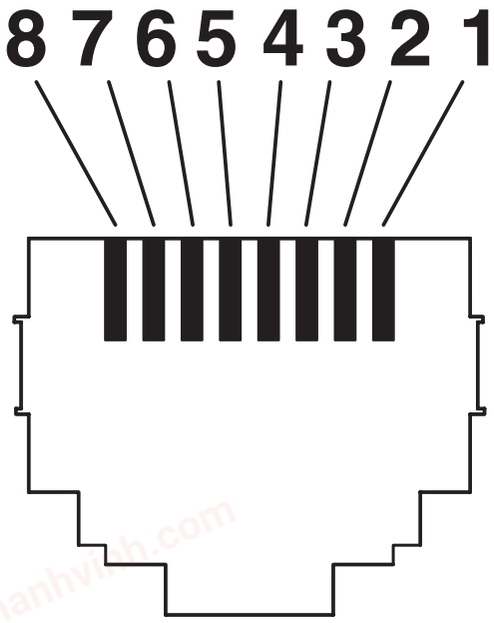
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Drawings

Schematic diagram



Connector pin assignment plug RJ45

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1413159

EAC
Approval ID: 19060508

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Classifications

ECLASS

ECLASS-11.0	27060308
ECLASS-12.0	27060308
ECLASS-13.0	27060307

ETIM

ETIM 9.0	EC001855

UNSPSC

UNSPSC 21.0	26121600

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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