

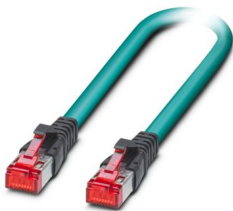
NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable



1413160

<https://www.phoenixcontact.com/us/products/1413160>

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Patch cable, degree of protection: IP20, cable length: 1 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	1413160
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNABH
Catalog page	Page 387 (C-2-2019)
GTIN	4046356989954
Weight per piece (including packing)	50.4 g
Weight per piece (excluding packing)	47.18 g
Customs tariff number	85444210
Country of origin	PL

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable



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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

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
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Conductor connection

Connection method	Pierce connection
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Connector

Connection 1

Type	Plug straight RJ45
Shielded	yes

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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	1.00 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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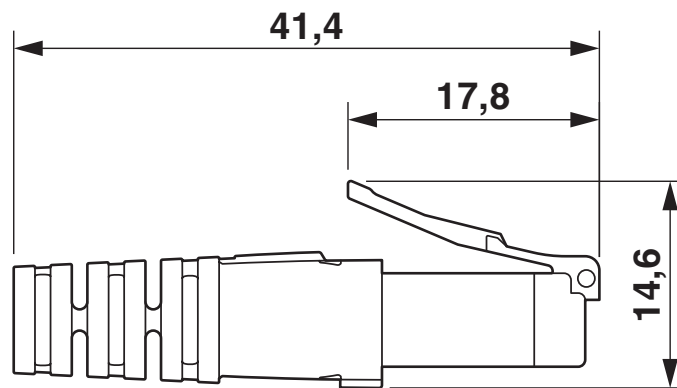
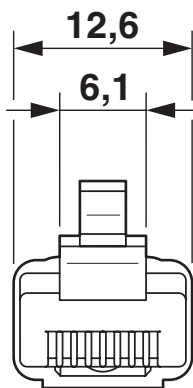


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Drawings

Dimensional drawing



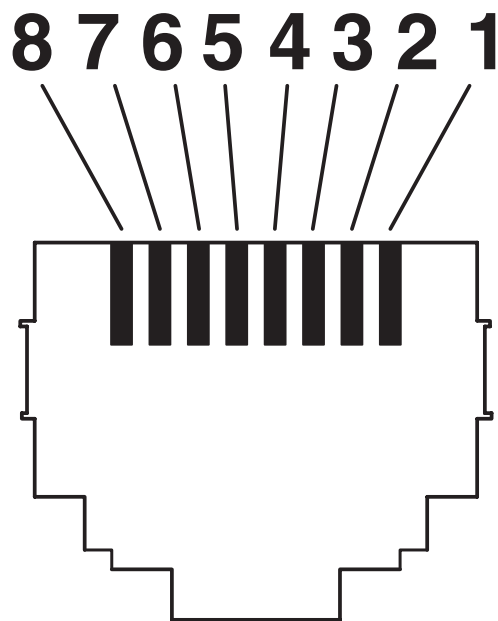
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Schematic diagram



Connector pin assignment plug RJ45

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1413160>



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	EC002599
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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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Accessories

NBC-R4OC/0,3-BC5/R4OC - Patch cable

1227558

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Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/0,5-BC5/R4OC - Patch cable

1227559

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Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/1,0-BC5/R4OC - Patch cable

1227560

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Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/1,5-BC5/R4OC - Patch cable

1227561

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Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

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NBC-R4OC/2,0-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/3,0-BC5/R4OC - Patch cable

1227563

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Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

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NBC-R4OC/5,0-BC5/R4OC - Patch cable

1227564

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Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/7,5-BC5/R4OC - Patch cable

1227565

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Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

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NBC-R4OC/0,3-BC6A/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/0,5-BC6A/R4OC - Patch cable

1227573

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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, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/1,0-BC6A/R4OC - Patch cable

1227575

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Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/1,5-BC6A/R4OC - Patch cable

1227578

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Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

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NBC-R4OC/2,0-BC6A/R4OC - Patch cable

1227580

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Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/3,0-BC6A/R4OC - Patch cable

1227581

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Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

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NBC-R4OC/5,0-BC6A/R4OC - Patch cable

1227583

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Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/7,5-BC6A/R4OC - Patch cable

1227585

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Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

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NBC-R4OC/10,0-BC6A/R4OC - Patch cable

1227588

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Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/12,5-BC6A/R4OC - Patch cable

1227590

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Patch cable, degree of protection: IP20, cable length: 12.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

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NBC-R4OC/15,0-BC6A/R4OC - Patch cable

1227591

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Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/20,0-BC6A/R4OC - Patch cable

1227593

<https://www.phoenixcontact.com/us/products/1227593>



Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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