

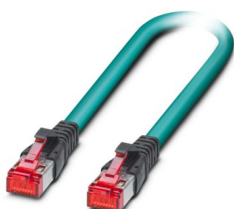
NBC-R4AC1/0,3-94G/R4AC1-BU - Patch cable



1413158

<https://www.phoenixcontact.com/nl/products/1413158>

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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, Ethernet, 2x2xAWG26/7, S/FTP, water blue RAL 5021

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	1413158
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABNABH
Product key	ABNABH
GTIN	4046356989930
Weight per piece (including packing)	21,68 g
Weight per piece (excluding packing)	21,68 g
Customs tariff number	85444210
Country of origin	PL

Technical data

Product properties

Product family	RJ45 STANDARD CAT6A
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 (500 MHz)
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

Dimensions

Dimensional drawing	
Width	12.6 mm
Height	6.6 mm
Length	40.05 mm

Connection data

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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
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	0.30 m
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Ethernet, CAT6_A, 4-pair, S/FTP [94G]

Number of positions	8
Shielded	yes
Cable type	Ethernet, CAT6 _A , 4-pair, S/FTP [94G]
Conductor structure	2x2xAWG26/7, S/FTP
AWG signal line	26
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Optical shield covering	65 %
Flame resistance	according to IEC 60332-1

Standards and regulations

Flame resistance	IEC 60332-1
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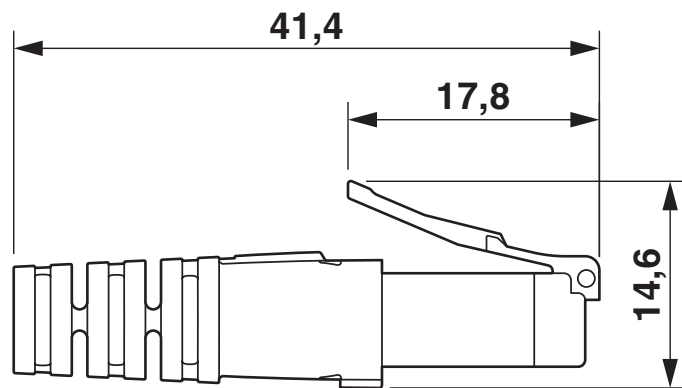
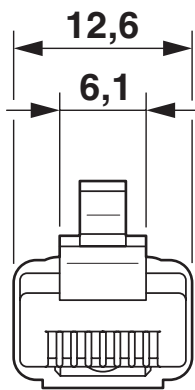


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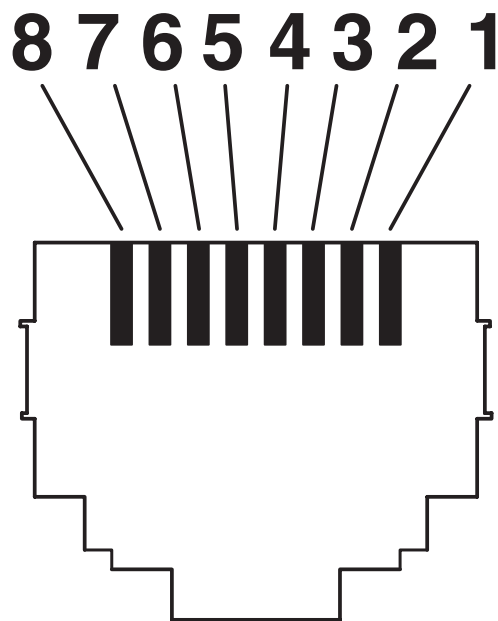
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Drawings

Dimensional drawing



Schematic diagram



Connector pin assignment plug RJ45

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Approvals

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EAC

Approval ID: 19060508

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Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

ETIM

ETIM 10.0	EC001855
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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
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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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