

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



1421138

<https://www.phoenixcontact.com/us/products/1421138>

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Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 10 Gbps, CAT6_A, Ethernet

Commercial data

Item number	1421138
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNABM
GTIN	4055626254692
Weight per piece (including packing)	23.9 g
Weight per piece (excluding packing)	23.9 g
Customs tariff number	85444210
Country of origin	PL

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Technical data

Product properties

Product type	Data cable preassembled
Product family	RJ45 BASIC IE8 CAT5
Number of positions	8
Shielded	yes

Interfaces

Signal type/category	Ethernet CAT6 _A , 10 Gbps (500 MHz)
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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 force per signal contact	50.00 N
Extraction force per signal contact	30 N

Material specifications

Outer sheath, material	PUR
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Connector

Connection 2

Type	Plug straight RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 750
Degree of protection	IP20

Cable/line

Cable length	0.30 m
Cable structure	2x2xAWG26/7, S/FTP
Signal type/category	Ethernet CAT6 _A , 10 Gbps (500 MHz)
Outer sheath, material	PUR

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External sheath, color	red, similar to RAL 3000
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 M Ω *km (500 V)
Coupling resistance	30.00 m Ω /m (30 MHz)
Smallest bending radius, fixed installation	50 mm (under load)
Smallest bending radius, movable installation	25 mm (without load)
Flame resistance	IEC 60332-1

Environmental and real-life conditions

Ambient conditions

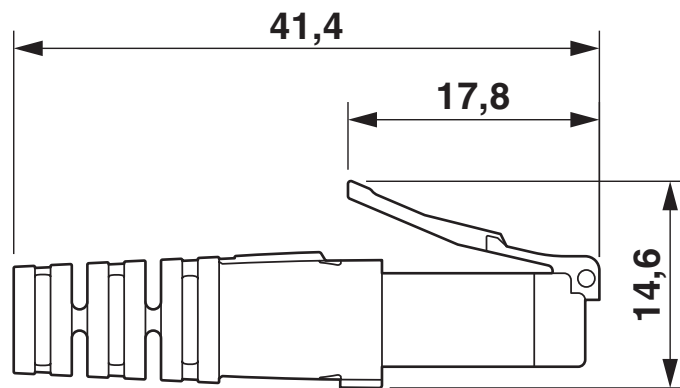
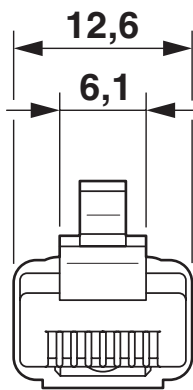
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C (RJ45 connector)
	-25 °C ... 75 °C (cable)

Standards and regulations

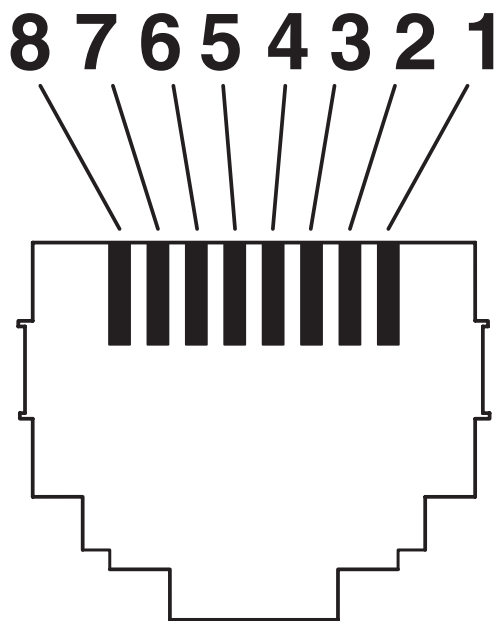
Flame resistance	IEC 60332-1
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Drawings

Dimensional drawing



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/1421138>



EAC

Approval ID: 19060508

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Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

ETIM

ETIM 9.0	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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