

# NBC-R4AC/7,5-UTP/R4AC - Patch cable



1438325

<https://www.phoenixcontact.com/us/products/1438325>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, 1 Gbps, CAT5, cable outlet: straight, Ethernet, 4 x 2 x AWG 24/7, UTP, gray

## 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	1438325
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNABM
GTIN	4063151814595
Weight per piece (including packing)	174.7 g
Weight per piece (excluding packing)	172 g
Customs tariff number	85444210
Country of origin	CN

# NBC-R4AC/7,5-UTP/R4AC - Patch cable



1438325

<https://www.phoenixcontact.com/us/products/1438325>

## Technical data

### Product properties

Product type	Data cable preassembled
Product family	RJ45 BASIC IE8 CAT5
Number of positions	8
Number of slots	1
Shielded	no
Cable outlet	straight

### Interfaces

Signal type/category	Ethernet CAT5 (IEC 11801:2002), 1 Gbps
----------------------	--

### 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 $I_N$	1 A
Transmission medium	Copper
Transmission speed	up to 1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps

### Mechanical properties

#### Mechanical data

Insertion force per signal contact	50.00 N
Extraction force per signal contact	30 N

### Material specifications

Flammability rating according to UL 94	V0
Outer sheath, material	PVC

### Connector

#### Connection 1

Type	Plug straight RJ45
Shielded	yes
Handle color	gray
Material	CuSn (Contact)
	Au (Contact surface)
	PVC (Housing)

# NBC-R4AC/7,5-UTP/R4AC - Patch cable



1438325

<https://www.phoenixcontact.com/us/products/1438325>

Insertion/withdrawal cycles	≥ 750
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 80 °C

## Connection 2

Type	Plug straight RJ45
Shielded	yes
Handle color	gray
Material	CuSn (Contact) Au (Contact surface) PVC (Housing)
Insertion/withdrawal cycles	≥ 750
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 80 °C

## Cable/line

Cable length	7.50 m
--------------	--------

## Ethernet, CAT5, 4-pair, UTP [UTP]

Number of positions	8
Shielded	no
Cable type	Ethernet, CAT5, 4-pair, UTP [UTP]
Conductor structure	4 x 2 x AWG 24/7, UTP
AWG signal line	24
Outer sheath, material	PVC
External sheath, color	gray

# NBC-R4AC/7,5-UTP/R4AC - Patch cable



1438325

<https://www.phoenixcontact.com/us/products/1438325>

## Classifications

### ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

# NBC-R4AC/7,5-UTP/R4AC - Patch cable



1438325

<https://www.phoenixcontact.com/us/products/1438325>

## 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	3.404 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)