

# NBC-R4AC/10,0-UTP GY/R4AC - Network cable



1412973

<https://www.phoenixcontact.com/pc/products/1412973>

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.



Network cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 1 Gbps, CAT5, cable outlet: straight, 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	1412973
Packing unit	1 pc
Minimum order quantity	100 pc
Note	Made to Order (non-returnable)
Product Key	ABNABM
GTIN	4046356977937
Weight per Piece (including packing)	232.2 g
Weight per Piece (excluding packing)	223.2 g
Customs tariff number	85444210
Country of origin	CN

1412973

<https://www.phoenixcontact.com/pc/products/1412973>

## Technical Data

### Product properties

Product type	Data cable preassembled
Number of positions	8
Number of slots	1
Shielded	no
Cable outlet	straight

### 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	1 Gbps

### Material specifications

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

### Connector

#### Connection 1

Type	Plug straight RJ45
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

#### Connection 2

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

# NBC-R4AC/10,0-UTP GY/R4AC - Network cable



1412973

<https://www.phoenixcontact.com/pc/products/1412973>

## Cable/line

Cable length	10.00 m
Cable type	Ethernet
Cable structure	4x2xAWG24/7; UTP
External cable diameter	5.40 mm
Outer sheath, material	PVC
External sheath, color	gray
Single wire, color	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Conductor structure signal line	7x 0.20 mm
AWG signal line	24

## Environmental and real-life conditions

### Ambient conditions

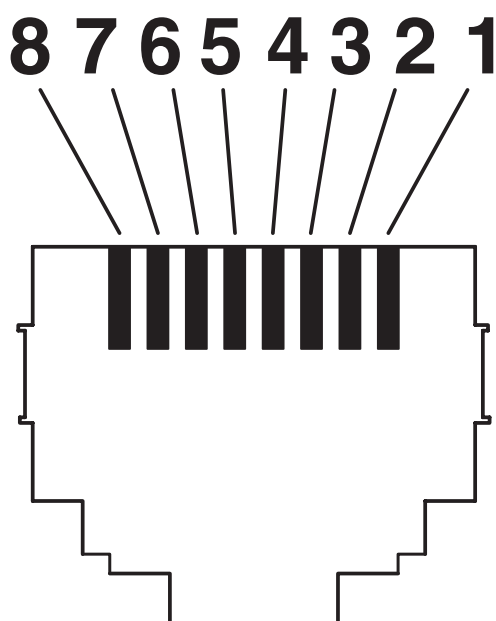
Degree of protection	IP20 (RJ45 connector)
	IP20
Ambient temperature (operation)	-25 °C ... 80 °C (RJ45 connector)

1412973

<https://www.phoenixcontact.com/pc/products/1412973>

## Drawings

### Schematic diagram



Connector pin assignment plug RJ45

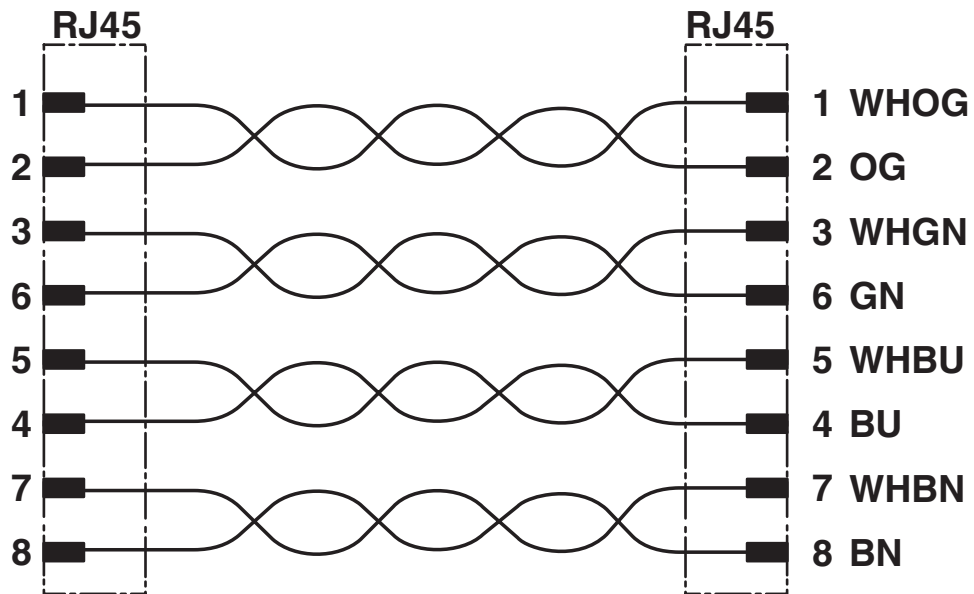
# NBC-R4AC/10,0-UTP GY/R4AC - Network cable



1412973

<https://www.phoenixcontact.com/pc/products/1412973>

Circuit diagram



# NBC-R4AC/10,0-UTP GY/R4AC - Network cable



1412973

<https://www.phoenixcontact.com/pc/products/1412973>

## Approvals



**EAC**

Approval ID: 19060508

# NBC-R4AC/10,0-UTP GY/R4AC - Network cable



1412973

<https://www.phoenixcontact.com/pc/products/1412973>

## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC002599
----------	----------

### UNSPSC

UNSPSC 21.0	26121600
-------------	----------

# NBC-R4AC/10,0-UTP GY/R4AC - Network cable



1412973

<https://www.phoenixcontact.com/pc/products/1412973>

## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2023 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 (0) 5235-3 00  
[info@phoenixcontact.com](mailto:info@phoenixcontact.com)