# NBC-R4AC/1,0-UTP GY/R4AC - Patch cable

1410595

https://www.phoenixcontact.com/us/products/1410595

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, Ethernet CAT5 (1 Gbps), 8-position, PVC, gray, Plug straight RJ45 / IP20, on Plug straight RJ45 / IP20, cable length: 1 m

## Your advantages

- Perfect for industrial applications
- Perfect for office, building, and protected industrial applications (e.g., in control cabinets)
- Compact angle

ELEKTROGERÄTE RÜCKNAHME

## Commercial data

| | |
|---|---|
| Item number | 1410595 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB11 |
| Product key | ABNABM |
| GTIN | 4046356900249 |
| Weight per piece (including packing) | 31.99 g |
| Weight per piece (excluding packing) | 30 g |
| Customs tariff number | 85444210 |
| Country of origin | CN |

## 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) |

### Material specifications

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

### Connector

Connection 1

| | |
|---|---|
| Type | Plug straight RJ45 / IP20 |
| Number of positions | 8 (8) |
| 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 |

Connection 2

| | |
|---|---|
| Type | Plug straight RJ45 / IP20 |

| | |
|---|---|
| Number of positions | 8 (8) |
| 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 | 1 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 |

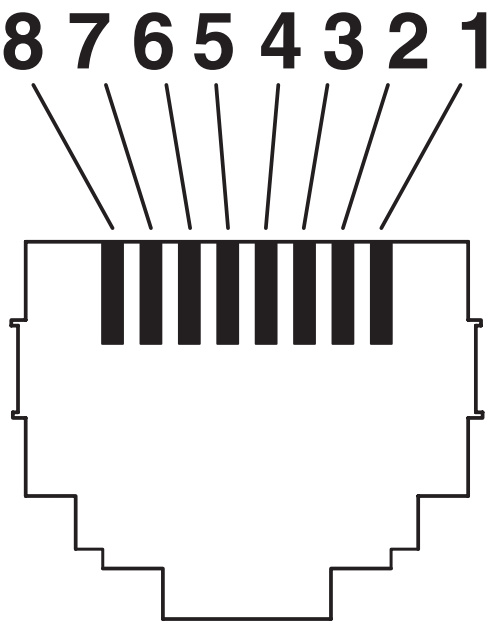
## Environmental and real-life conditions

Ambient conditions

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

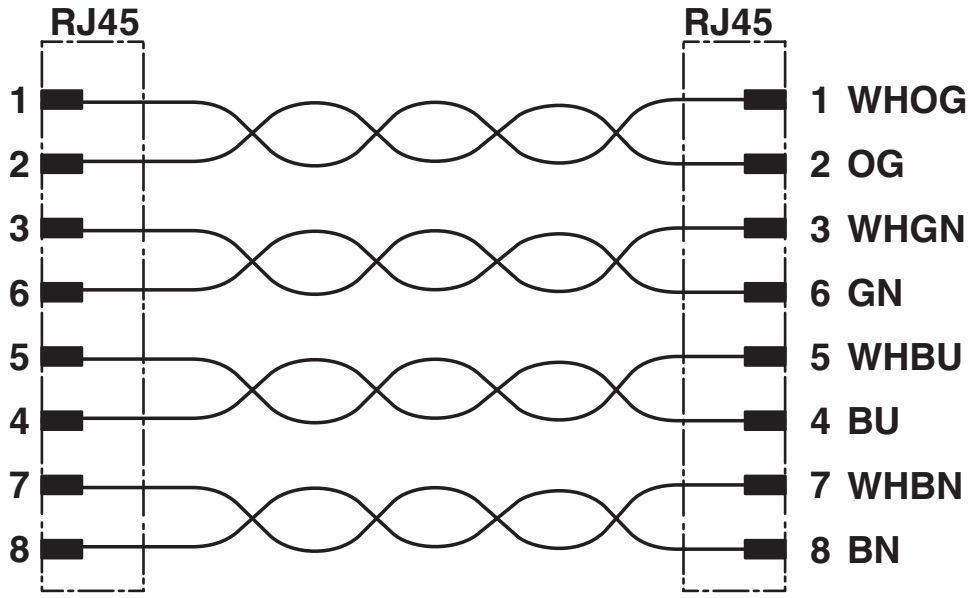
## Drawings

Schematic diagram




Connector pin assignment plug RJ45

Circuit diagram




Contact assignment of RJ45 plugs

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1410595

**EAC**
Approval ID: 19060508

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27060307 |
| ECLASS-15.0 | 27060307 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002599 |

### UNSPSC

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

## 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 | 0.435 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