

NBC-R4AC/5,0-UTP GY/R4AC - Network cable



1410694

<https://www.phoenixcontact.com/pc/products/1410694>

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Network cable, degree of protection: IP20, cable length: 5 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 | 1410694 |
| Packing unit | 1 pc |
| Minimum order quantity | 100 pc |
| Product Key | ABNABM |
| GTIN | 4046356905251 |
| Weight per Piece (including packing) | 124.08 g |
| Weight per Piece (excluding packing) | 117.4 g |
| Customs tariff number | 85444210 |
| Country of origin | CN |

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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 |

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Cable/line

| | |
|---------------------------------|--|
| Cable length | 5.00 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) |

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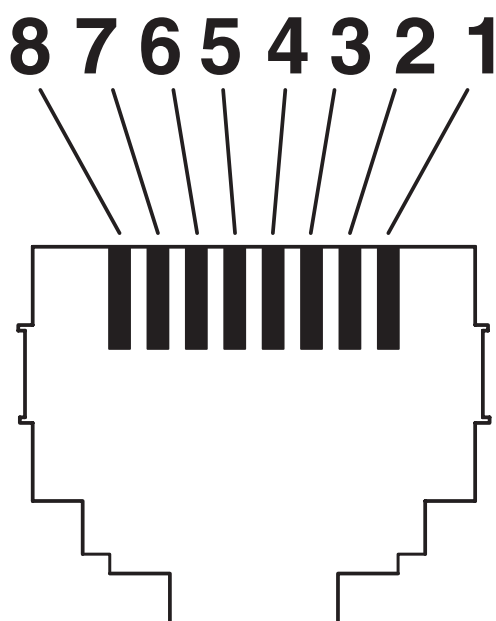
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Drawings

Schematic diagram



Connector pin assignment plug RJ45

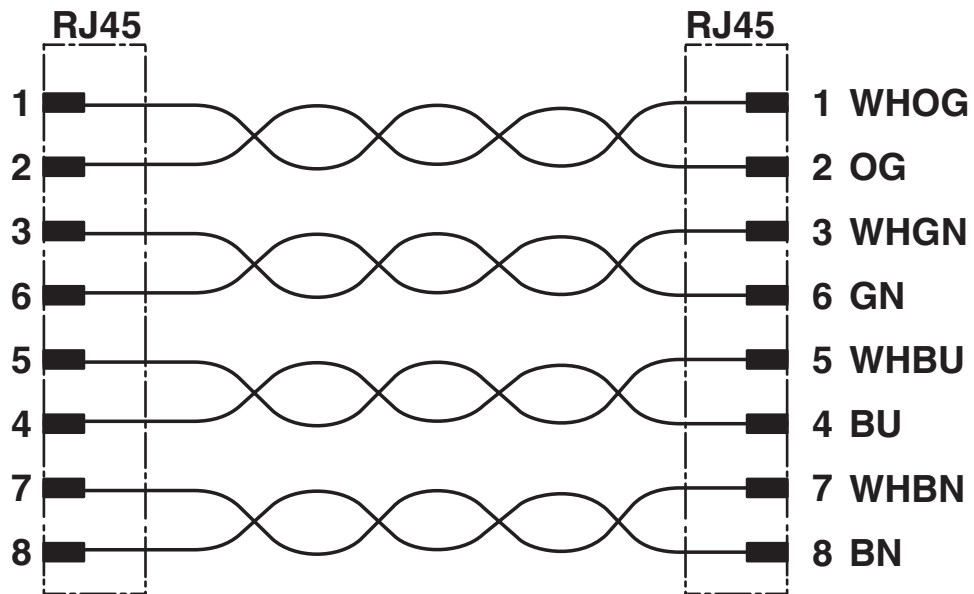
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Circuit diagram



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Approvals



EAC

Approval ID: 19060508



EAC

Approval ID: B.00385/20

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC003249 |
|----------|----------|

UNSPSC

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

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Environmental Product Compliance

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

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