

NBC-R4OC/3,0-BC6A/R4OC - Patch cable



1227581

<https://www.phoenixcontact.com/pc/products/1227581>

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Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

Your advantages

- Perfect for office, building, and protected industrial applications (e.g., in control cabinets)
- Worldwide approval with CE, UL, WEEE, and EAC
- Secure connection and disconnection with reliable locking clip protection
- Ideal EMC properties, thanks to 360° shielding
- Simultaneous power transmission with PoE++
- Future-proof high-speed data transmission with up to 10 Gbps (CAT6_A)

Commercial Data

| | |
|--------------------------------------|---------------|
| Item number | 1227581 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product Key | ABNABH |
| GTIN | 4063151322021 |
| Weight per Piece (including packing) | 166.567 g |
| Weight per Piece (excluding packing) | 166.567 g |
| Customs tariff number | 85444290 |
| Country of origin | CN |

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Technical Data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Data cable preassembled |
| Number of positions | 8 |
| Locking type | Locking clips |
| Shielded | yes |
| Cable outlet | straight |

Insulation characteristics

| | |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution | 2 |

Electrical properties

| | |
|-----------------------|---------|
| Rated voltage (III/2) | 72 V |
| Transmission speed | 10 Gbps |
| Power transmission | PoE++ |

Material specifications

| | |
|--|-------|
| Flammability rating according to UL 94 | V0 |
| Contact material | Brass |
| Contact surface material | Au |
| Contact carrier material | PC |
| Outer sheath, material | LSZH |

Connection data

Connection technology

| | |
|-------------------|-------------------|
| Connection method | Pierce connection |
|-------------------|-------------------|

Conductor connection

| | |
|-------------------|-------------------|
| Connection method | Pierce connection |
|-------------------|-------------------|

Connector

Connection 1

| | |
|---------------------------------|--------------------|
| Type | Plug straight RJ45 |
| Handle color | gray |
| Insertion/withdrawal cycles | ≥ 750 |
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 80 °C |

Connection 2

| | |
|-----------------------------|--------------------|
| Type | Plug straight RJ45 |
| Handle color | gray |
| Insertion/withdrawal cycles | ≥ 750 |

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| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 80 °C |
|---------------------------------|------------------|

Cable/line

| | |
|--------------|--------|
| Cable length | 3.00 m |
|--------------|--------|

Ethernet, Type B, 8-pos., CAT6A, LSZH [BC6A]

| | |
|-----------------------------------|---------------------------------------|
| Shielded | yes |
| Cable type | Ethernet, Type B, 8-pos., CAT6A, LSZH |
| Cable type (abbreviation) | BC6A |
| Cable structure | 2x2xAWG26/7, S/FTP |
| External cable diameter | 6.5 mm ±0.3 mm |
| Outer sheath, material | LSZH |
| External sheath, color | gray |
| Single wire, number of litz wires | 8 |
| Single wire, cross section [AWG] | 26 |
| Shielding | S/FTP |
| Optical shield covering | 70 % |
| Halogen-free | complying with IEC 60754-1/2 |
| Flame resistance | IEC 60332-1-2/IEC 60332-3-24/CM |

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 80 °C |
| Ambient temperature (storage/transport) | 0 °C ... 40 °C |

Standards and regulations

| | |
|------------------|---------------|
| Flame resistance | IEC 60332-1-2 |
|------------------|---------------|

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Approvals



EAC

Approval ID: 19060508



UL Listed

Approval ID: FILE E 335024



cUL Listed

Approval ID: FILE E 335024

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Classifications

ECLASS

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

ETIM

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

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 |

NBC-R40C/3,0-BC6A/R40C - Patch cable

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Accessories

NBC-R40C/0,3-BC6A/R40C - Patch cable

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NBC-R40C/0,5-BC6A/R40C - Patch cable

1227573

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Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/1,0-BC6A/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/1,5-BC6A/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/2,0-BC6A/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/5,0-BC6A/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/7,5-BC6A/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/10,0-BC6A/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/0,3-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/0,5-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/1,0-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/1,5-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

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NBC-R4OC/2,0-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/3,0-BC5/R4OC - Patch cable

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NBC-R4OC/5,0-BC5/R4OC - Patch cable

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Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, CAT5, connection method: Pierce connection, connection cross section: AWG 26- 26, cable outlet: straight, Ethernet

NBC-R4OC/7,5-BC5/R4OC - Patch cable

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NBC-R4OC/10,0-BC5/R4OC - Patch cable

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