

HC-Q-I-RJ45-AD-PC-M - Contact insert



1077120

<https://www.phoenixcontact.com/us/products/1077120>

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Contact insert, number of positions: RJ45, size: D7, type : RJ45, Pin, 50 V, 1 A, application: Data, Adapter for patch cables

Your advantages

- Shock and vibration-resistant in accordance with DIN EN 61373

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1077120 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF61 |
| Product key | BF7ABJ |
| Catalog page | Page 513 (C-2-2019) |
| GTIN | 4055626788838 |
| Weight per piece (including packing) | 6.9 g |
| Weight per piece (excluding packing) | 5.1 g |
| Customs tariff number | 85366990 |
| Country of origin | CN |

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Technical data

Notes

| | |
|---------|--|
| General | Use the patch cable from the accessories list. |
| General | Connectors may be operated only when there is no load/voltage. |

Mounting

| | |
|-------------|----|
| Thread type | () |
|-------------|----|

Product properties

| | |
|---------------------|--|
| Product type | Contact insert with a fixed no. of positions |
| Series | HC-Q |
| Application | Data |
| Type | D7 |
| Sensor type | Ethernet |
| Number of positions | 8 |
| Connection profile | RJ45 |
| Type | RJ45 |

Data management status

| | |
|------------------|----|
| Article revision | 03 |
|------------------|----|

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Dimensions

| | |
|--------|---------|
| Width | 21 mm |
| Height | 20.5 mm |
| Length | 21 mm |

Connection data

Connection technology

| | |
|----------------------------------|----------|
| Connection in acc. with standard | IEC / EN |
|----------------------------------|----------|

Conductor connection

| | |
|-------------------|--|
| Tightening torque | 0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing) |
|-------------------|--|

Electrical properties

| | |
|---|--------|
| Rated voltage (III/3) | 50 V |
| Rated surge voltage | 0.8 kV |
| Rated current | 1 A |
| Transmission characteristics (category) | CAT6 |

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Material specifications

| | |
|--|---|
| Flammability rating according to UL 94 | V0 |
| Contact material | Copper alloy |
| Contact surface material | Au |
| Contact carrier material | PC |
| Standards/regulations | PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 60 °C |
|---------------------------------|------------------|

Standards and regulations

Testing

| | |
|-----------------------|---|
| Standards/regulations | PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3) |
|-----------------------|---|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440205 |
| ECLASS-12.0 | 27440205 |
| ECLASS-13.0 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000438 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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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% |

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Accessories

HC-D 7-DS-IP65 - Sealing screw

1686229

<https://www.phoenixcontact.com/us/products/1686229>



Sealing screw, size: Countersunk head, IP67, replacement part for D7 size HEAVYCON housing

FL CAT5 PATCH 0,3 - Patch cable

2832250

<https://www.phoenixcontact.com/us/products/2832250>



Patch cable, CAT5, assembled, 0.3 m

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FL CAT5 PATCH 0,5 - Patch cable

2832263

<https://www.phoenixcontact.com/us/products/2832263>



Patch cable, CAT5, assembled, 0.5 m

FL CAT5 PATCH 1,0 - Patch cable

2832276

<https://www.phoenixcontact.com/us/products/2832276>



Patch cable, CAT5, assembled, 1 m

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FL CAT5 PATCH 1,5 - Patch cable

2832221

<https://www.phoenixcontact.com/us/products/2832221>



Patch cable, CAT5, assembled, 1.5 m

FL CAT5 PATCH 2,0 - Patch cable

2832289

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Patch cable, CAT5, assembled, 2 m

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FL CAT5 PATCH 3,0 - Patch cable

2832292

<https://www.phoenixcontact.com/us/products/2832292>



Patch cable, CAT5, assembled, 3 m

FL CAT5 PATCH 5,0 - Patch cable

2832580

<https://www.phoenixcontact.com/us/products/2832580>



Patch cable, CAT5, assembled, 5 m

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FL CAT5 PATCH 7,5 - Patch cable

2832616

<https://www.phoenixcontact.com/us/products/2832616>



Patch cable, CAT5, assembled, 7.5 m

FL CAT5 PATCH 10,0 - Patch cable

2832629

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Patch cable, CAT5, assembled, 10 m

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FL CAT6 PATCH 0,3 - Patch cable

2891181

<https://www.phoenixcontact.com/us/products/2891181>



Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 0,5 - Patch cable

2891288

<https://www.phoenixcontact.com/us/products/2891288>



Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

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FL CAT6 PATCH 1,0 - Patch cable

2891385

<https://www.phoenixcontact.com/us/products/2891385>



Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 1,5 - Patch cable

2891482

<https://www.phoenixcontact.com/us/products/2891482>



Patch cable, degree of protection: IP20, cable length: 1.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

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FL CAT6 PATCH 2,0 - Patch cable

2891589

<https://www.phoenixcontact.com/us/products/2891589>



Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 3,0 - Patch cable

2891686

<https://www.phoenixcontact.com/us/products/2891686>



Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

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FL CAT6 PATCH 5,0 - Patch cable

2891783

<https://www.phoenixcontact.com/us/products/2891783>



Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 7,5 - Patch cable

2891880

<https://www.phoenixcontact.com/us/products/2891880>



Patch cable, degree of protection: IP20, cable length: 7.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

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FL CAT6 PATCH 10 - Patch cable

2891877

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Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 12,5 - Patch cable

2891369

<https://www.phoenixcontact.com/us/products/2891369>



Patch cable, degree of protection: IP20, cable length: 12.5 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

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FL CAT6 PATCH 15,0 - Patch cable

2891372

<https://www.phoenixcontact.com/us/products/2891372>



Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

FL CAT6 PATCH 20,0 - Patch cable

2891576

<https://www.phoenixcontact.com/us/products/2891576>



Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 1 Gbps, CAT6, Ethernet

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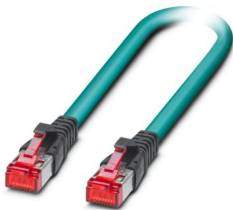
<https://www.phoenixcontact.com/us/products/1077120>



NBC-R4AC1/0,3-94G/R4AC1-BU - Patch cable

1413158

<https://www.phoenixcontact.com/us/products/1413158>

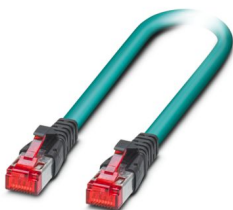


Patch cable, degree of protection: IP20, cable length: 0.3 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

NBC-R4AC1/0,5-94G/R4AC1-BU - Patch cable

1413159

<https://www.phoenixcontact.com/us/products/1413159>



Patch cable, degree of protection: IP20, cable length: 0.5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

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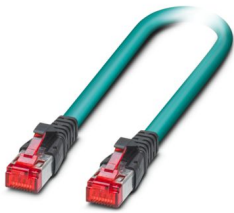
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NBC-R4AC1/1,0-94G/R4AC1-BU - Patch cable

1413160

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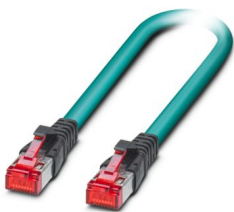


Patch cable, degree of protection: IP20, cable length: 1 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

NBC-R4AC1/2,0-94G/R4AC1-BU - Patch cable

1413161

<https://www.phoenixcontact.com/us/products/1413161>



Patch cable, degree of protection: IP20, cable length: 2 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

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1077120

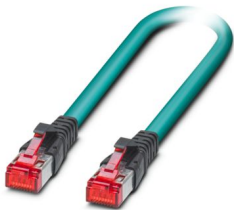
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NBC-R4AC1/3,0-94G/R4AC1-BU - Patch cable

1413162

<https://www.phoenixcontact.com/us/products/1413162>

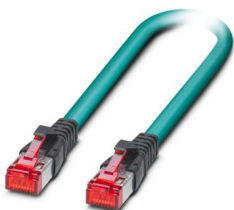


Patch cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

NBC-R4AC1/5,0-94G/R4AC1-BU - Patch cable

1413163

<https://www.phoenixcontact.com/us/products/1413163>



Patch cable, degree of protection: IP20, cable length: 5 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

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NBC-R4AC1/10,0-94G/R4AC1-BU - Patch cable

1413164

<https://www.phoenixcontact.com/us/products/1413164>

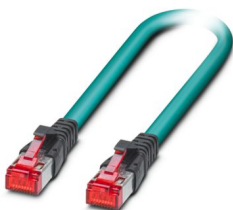


Patch cable, degree of protection: IP20, cable length: 10 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

NBC-R4AC1/15,0-94G/R4AC1-BU - Patch cable

1413165

<https://www.phoenixcontact.com/us/products/1413165>



Patch cable, degree of protection: IP20, cable length: 15 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

HC-Q-I-RJ45-AD-PC-M - Contact insert

1077120

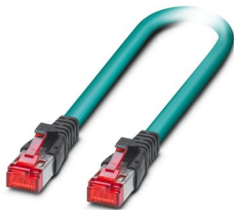
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NBC-R4AC1/20,0-94G/R4AC1-BU - Patch cable

1413166

<https://www.phoenixcontact.com/us/products/1413166>



Patch cable, degree of protection: IP20, cable length: 20 m, number of positions: 8, 10 Gbps, CAT6_A, connection method: Pierce connection, Ethernet

HC-Q-I-RJ45 GC-F/F - Contact insert

1422590

<https://www.phoenixcontact.com/us/products/1422590>



Contact insert, number of positions: RJ45, size: D7, type : RJ45, Socket, 50 V, 1 A, application: Data, Gender changer

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