

RJ45 connector - VS-08-RJ45-Q

1402420

<https://www.phoenixcontact.com/us/products/1402420>



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RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA 6.6, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: straight, color: green

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Commercial Data

| | |
|--------------------------------------|--------------------|
| Item number | 1402420 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales Key | A08 |
| Product Key | ABNAAA |
| Catalog Page | Page 78 (C-2-2013) |
| GTIN | 4046356615501 |
| Weight per Piece (including packing) | 12.1 g |
| Weight per Piece (excluding packing) | 12.1 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical Data

Product properties

| | |
|----------------------|------------|
| Type | RJ45, IP20 |
| Product type | Data plug |
| Number of positions | 8 |
| Connection profile | RJ45 |
| No. of cable outlets | 1 |
| Type | RJ45 |
| Shielded | yes |
| Cable outlet | straight |

Insulation characteristics

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

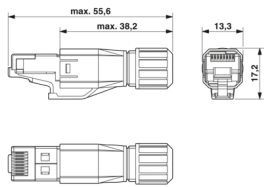
Electrical properties

| | |
|-----------------------|--|
| Rated surge voltage | 330 kV |
| Rated surge voltage | 330 V |
| Rated current | 1.75 A |
| Frequency range | to 100 MHz |
| Nominal voltage U_N | 48 V |
| Nominal current I_N | 1.75 A |
| Contact resistance | 0.001 Ω (Wire – IDC) 0.005 Ω (Litz wires – IDC) |

Interfaces

| | |
|----------------------|--|
| Signal type/category | Ethernet CAT5 (IEC 11801:2002), 1 Gbps |
|----------------------|--|

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 13.3 mm |
| Height | 17.2 mm |
| Length | 55.6 mm |

Material specifications

| | |
|--|-------|
| Color | green |
| Flammability rating according to UL 94 | V2 |

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| | |
|------------------|--------|
| Contact material | CuSn |
| Housing material | PA 6.6 |

Connector

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 750 |
|-----------------------------|-------|

Cable / line

Cable structure

| | |
|------------------------------------|---|
| Signal type/category | Ethernet CAT5 (IEC 11801:2002), 1 Gbps |
| External cable diameter | 4.5 mm ... 8 mm |
| | 4.5 mm ... 8 mm |
| Wire diameter including insulation | 1.6 mm |
| Single wire, cross section | 0.14 mm ² 0.23 mm ² |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -20 °C ... 70 °C |

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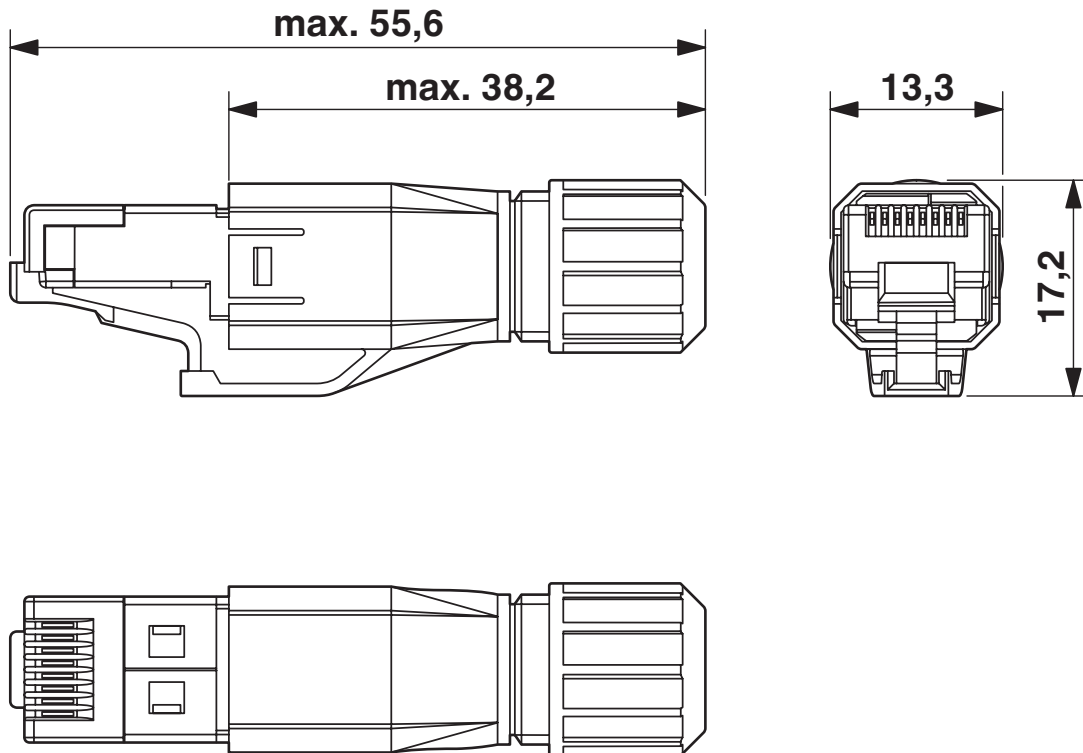
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Drawings

Dimensional drawing



RJ45 connector, IP20

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Classifications

ECLASS

| | |
|------------|----------|
| ECLASS-9.0 | 27440101 |
|------------|----------|

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Environmental Product Compliance

| | |
|------------|--|
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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Accessories

Stripping tool

Stripping tool - VS-CABLE-STRIP-VARIO - 1657407

<https://www.phoenixcontact.com/us/products/1657407>

Stripping tool, for the multi-level stripping of shielded cables



Shielding foil

Shielding foil - VS-08-RJ45-FOLIEN-SET - 1417184

<https://www.phoenixcontact.com/us/products/1417184>

Shielding foil set, 25 pieces, replacement for RJ45 and M12 Quickon connector



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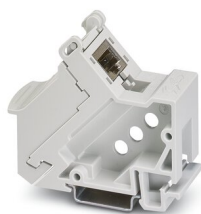
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DIN rail adapter

DIN rail adapter - CUC-PP-D1PGY/R4IDC8 - 1419024

<https://www.phoenixcontact.com/us/products/1419024>

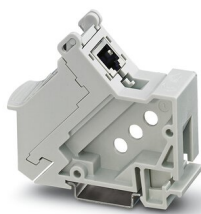


DIN rail adapter, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: PC-GF, connection method: IDC connection, connection cross section: AWG 26- 22, color: gray

DIN rail adapter

DIN rail adapter - VS-PP-F-RJ45-CAT6 - 1658118

<https://www.phoenixcontact.com/us/products/1658118>



DIN rail adapter, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT6, material: PC-GF, connection method: IDC fast connection, connection cross section: AWG 24- 22, color: gray

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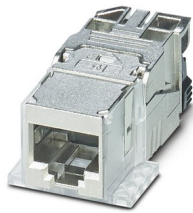
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RJ45 socket insert

RJ45 socket insert - CUC-F-J1ZNI-S/R4IDC8 - 1418984

<https://www.phoenixcontact.com/us/products/1418984>

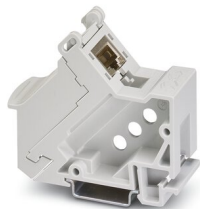


RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Freetel design for use with IP67 panel mounting frame and terminal outlets

DIN rail adapter

DIN rail adapter - CUC-PP-D1PGY/R4GC8 - 1418094

<https://www.phoenixcontact.com/us/products/1418094>



DIN rail adapter, type: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT6, material: PC-GF, connection method: Coupling, color: gray

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RJ45 socket insert

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021

<https://www.phoenixcontact.com/us/products/1419021>



RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Keystone design for use with IP20 panel mounting frame or integrated directly into the housing panel

Network cable

Network cable - VS-OE-OE-94B-100,0 - 1416567

<https://www.phoenixcontact.com/us/products/1416567>



Network cable, Ethernet CAT5 (1 Gbps), 8-position halogen-free, shielded, free cable end, on free cable end, cable length: 100 m

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Network cable

Network cable - VS-OE-OE-94B/... - 1417333

<https://www.phoenixcontact.com/us/products/1417333>



Network cable, Ethernet CAT5 (1 Gbps), 8-position halogen-free, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

RJ45 connector

RJ45 connector - VS-08-RJ45-5-Q/IP20 BK - 1658008

<https://www.phoenixcontact.com/us/products/1658008>



RJ45 connector, type: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 26- 23, cable outlet: straight, color: black, Ethernet

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Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

info@phoenixcon.com