

FL CAT5 PATCH 2,0 - Patch cable

2832289

<https://www.phoenixcontact.com/us/products/2832289>



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Patch cable, CAT5, assembled, 2 m



Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 2832289 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB11 |
| Product key | ABNABG |
| Catalog page | Page 721 (C-2-2019) |
| GTIN | 4046356044011 |
| Weight per piece (including packing) | 85 g |
| Weight per piece (excluding packing) | 85 g |
| Customs tariff number | 85444210 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Data cable preassembled |
| Sensor type | Ethernet |
| Number of positions | 8 |
| Connection profile | RJ45 |

Electrical properties

| | |
|-----------------------|-----------------------------------|
| Contact resistance | $\leq 0.003 \Omega$ (IEC 60603-7) |
| Nominal voltage U_N | 150 V _{rms} |
| Nominal current I_N | 1.5 A |
| Transmission speed | 1 Gbps |

Mechanical properties

| | |
|-------------------------------------|---------|
| Mechanical data | |
| Insertion force per signal contact | 30.00 N |
| Extraction force per signal contact | 50 N |

Material specifications

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

Dimensions

| | |
|--------|----------|
| Width | 12.6 mm |
| Height | 6.6 mm |
| Length | 40.05 mm |

External dimensions

| | |
|------------------------|--------|
| External diameter max. | 6.2 mm |
|------------------------|--------|

Connector

Connection 1

| | |
|-----------------------------|--------------------|
| Type | Plug straight RJ45 |
| Shielded | yes |
| Insertion/withdrawal cycles | ≥ 750 |
| Degree of protection | IP20 |

Connection 2

| | |
|------|--------------------|
| Type | Plug straight RJ45 |
|------|--------------------|

Cable/line

| | |
|-------------------------|---------|
| Cable length | 2.00 m |
| External cable diameter | 5.50 mm |

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| | |
|---|------------------------------|
| Outer sheath, material | LSFROH |
| Single wire, number of litz wires | 8 |
| Single wire, material | Cu litz wire |
| Single wire, cross section | 0.14 mm ² |
| Shielding | SF/UTP |
| Smallest bending radius, fixed installation | 30 mm |
| Halogen-free | according to IEC 60754-1 |
| Concentration of fumes | in accordance with IEC 61034 |
| Flame resistance | according to IEC 60332-3C |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -10 °C ... 60 °C |

Standards and regulations

| | |
|------------------------|------------------------------|
| Flame resistance | according to IEC 60332-3C |
| Concentration of fumes | in accordance with IEC 61034 |

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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2832289>



EAC

Approval ID: 19060508

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27060308 |
| ECLASS-12.0 | 27060308 |
| ECLASS-13.0 | 27060307 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002599 |
|----------|----------|

UNSPSC

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

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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

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

1227558

<https://www.phoenixcontact.com/us/products/1227558>

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

1227559

<https://www.phoenixcontact.com/us/products/1227559>

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

1227560

<https://www.phoenixcontact.com/us/products/1227560>

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

1227561

<https://www.phoenixcontact.com/us/products/1227561>

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

1227562

<https://www.phoenixcontact.com/us/products/1227562>

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

1227563

<https://www.phoenixcontact.com/us/products/1227563>

Patch cable, degree of protection: IP20, cable length: 3 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/5,0-BC5/R4OC - Patch cable

1227564

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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

1227565

<https://www.phoenixcontact.com/us/products/1227565>

Patch cable, degree of protection: IP20, cable length: 7.5 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/0,3-BC6A/R4OC - Patch cable

1227572

<https://www.phoenixcontact.com/us/products/1227572>

Patch cable, degree of protection: IP20, cable length: 0.3 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/0,5-BC6A/R4OC - Patch cable

1227573

<https://www.phoenixcontact.com/us/products/1227573>

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

1227575

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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

1227578

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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

1227580

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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/3,0-BC6A/R4OC - Patch cable

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

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

1227583

<https://www.phoenixcontact.com/us/products/1227583>



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

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

1227585

<https://www.phoenixcontact.com/us/products/1227585>



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

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

1227588

<https://www.phoenixcontact.com/us/products/1227588>

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



NBC-R4OC/12,5-BC6A/R4OC - Patch cable

1227590

<https://www.phoenixcontact.com/us/products/1227590>

Patch cable, degree of protection: IP20, cable length: 12.5 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/15,0-BC6A/R4OC - Patch cable

1227591

<https://www.phoenixcontact.com/us/products/1227591>

Patch cable, degree of protection: IP20, cable length: 15 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/20,0-BC6A/R4OC - Patch cable

1227593

<https://www.phoenixcontact.com/us/products/1227593>

Patch cable, degree of protection: IP20, cable length: 20 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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