

FL CAT6 PATCH 0,3 - Patch cable



2891181

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

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Patch cable, CAT6, preassembled, 0.3 m



Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 2891181 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB11 |
| Product key | ABNABG |
| Catalog page | Page 721 (C-2-2019) |
| GTIN | 4046356167512 |
| Weight per piece (including packing) | 23.6 g |
| Weight per piece (excluding packing) | 22.39 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 | 0.30 m |
| External cable diameter | 6.00 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 | S/FTP |
| Smallest bending radius, fixed installation | 60 mm (under load) |
| Smallest bending radius, movable installation | 35 mm (without load) |
| 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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Classifications

ECLASS

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

ETIM

| | |
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| ETIM 9.0 | EC002599 |
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UNSPSC

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| 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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