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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## FO patch cable - FL MM PATCH 2,0 ST-SCRJ - 2901821

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Assembled FO cable, break out cable, multi-mode fiberglass 50/125 µm, connector: B-FOC (ST) / SC-RJ, protection type: IP20, for installation in cable ducts or control cabinets, length: 2 m



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 40.0 GRM |
| Custom tariff number                 | 85447000 |
| Country of origin                    | Germany  |

### Technical data

#### Cable type

|            |                      |
|------------|----------------------|
| Cable type | Multimode fiberglass |
|------------|----------------------|

#### Ambient conditions

|   |   |
|---|---|
| Ambient temperature (operation)         | -5 °C ... 70 °C                                 |
| Ambient temperature (storage/transport) | -25 °C ... 70 °C                                |
| Ambient temperature (installation)      | -5 °C ... 50 °C                                 |
| Resistance to oil                       | Not resistant to oil, gasoline, acids, and lyes |

#### External sheath

|   |                             |
|---|-----------------------------|
| Outer sheath, material                  | FRNC                        |
| External sheath, color                  | orange                      |
| External sheath, strain relief elements | Non-metallic, aramide fiber |
| External diameter max.                  | 5.7 mm                      |

#### Single wire

|                             |        |
|-----------------------------|--------|
| Individual wires per module | 2      |
| Individual wire, diameter   | 2.8 mm |

#### Mechanical properties

|                                     |       |
|-------------------------------------|-------|
| Bending radius short term/long term | 30 mm |
|-------------------------------------|-------|

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## Technical data

### Mechanical properties

|                                       |           |
|---------------------------------------|-----------|
| Bending radius, long-term             | 60 mm     |
| Lateral pressure, long-term           | 60 N/cm   |
| Tensile strength short-term/long-term | 600 N     |
| Cable, attenuation                    | 2.5 dB/km |
|                                       | 0.7 dB/km |

### General

|   |            |
|---|------------|
| Cable weight                            | 15.8 kg/km |
| Transmission characteristics (category) | OM2        |
| Transmission speed                      | 1 Gbps     |

### Behavior in fire

|                        |                              |
|------------------------|------------------------------|
| Flame resistance       | According to DIN 60332-1-2   |
|                        | IEC 60332-3-22 (Cat. A)      |
| Concentration of fumes | in accordance with IEC 61034 |
| Halogen-free           | According to IEC 60754-2     |
| Behavior in fire       | No corrosive or toxic fumes  |
|                        | 0.36 MJ/m                    |

### Attenuation

|         |           |
|---------|-----------|
| 850 nm  | 2.5 dB/km |
| 1300 nm | 0.7 dB/km |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27061003 |
| eCl@ss 5.0 | 27061003 |
| eCl@ss 5.1 | 27061003 |
| eCl@ss 6.0 | 27259207 |
| eCl@ss 7.0 | 27259207 |
| eCl@ss 8.0 | 27061003 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000034 |
| ETIM 3.0 | EC000034 |
| ETIM 4.0 | EC000034 |
| ETIM 5.0 | EC001263 |

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### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 26121607 |
| UNSPSC 7.0901 | 26121607 |
| UNSPSC 11     | 26121607 |
| UNSPSC 12.01  | 26121607 |
| UNSPSC 13.2   | 26121607 |