

# SC push-pull duplex patch cords



## Features

- Push-pull mechanism for best handling
- One-piece design for easy and quick termination
- Clip available for duplex setup, Polarity flipping without tool
- Cable low smoke and free of halogen (LSFH)

## Technical data

| Specification                                    | Value                           |
|--|---------------------------------|
| Cable diameter (Ø)                               | Fig.8, 2.0 mm                   |
| Design acc. to IEC 61754-4 and TIA 604-3         | compliant                       |
| Thermal and mechanical tests acc. to IEC 61753-1 | fulfilled                       |
| Side load acc. to GR-326-CORE                    | fulfilled                       |
| Tensile load                                     | 2 × 100 N                       |
| Operating temperature                            | -25 to +70 °C                   |
| Durability                                       | min. 1000 matings               |
| Material   | flame retardant acc. to UL94V-0 |
| Halogen free                                     | yes                             |
| Chemical resistance                              | good                            |
| RoHS guidelines 2011/65/EU                       | compliant                       |

## Optical values

| Type           | Measurement method (IL/RL)  | IL (dB)  | RL (dB) |
|----------------|-----------------------------|----------|---------|
| SM UPC         | IL: IEC 61300-3-4 method B  | ≤ 0.30   | ≥ 50    |
| SM APC         | RL: IEC 61300-3-6           | ≤ 0.30   | ≥ 65    |
| MM OM1/OM2/OM3 | IL: IEC 61300-3-34 method C | ≤ 0.50 * | ≥ 35    |
| MM OM4         | RL: IEC 61300-3-6           | ≤ 0.30 * | ≥ 35    |

\*Measurement of the whole assembly

### Singlemode UPC, SC duplex patch cord



| Length (m) | Item no. | Description                  | Cable                                   | Polarity | Colors    |         |                    |
|------------|----------|------------------------------|---|----------|-----------|---------|--------------------|
|            |          |                              |   |          | Connector | Clip    | Boot               |
| 1          | 85031158 | PCDS_SCUS_SCUS_A220E_01.0_SS | Fig. 8,<br>2.0 mm<br>yellow<br>G.657.A2 | A-B/B-A  | blue      | no clip | 2 × black/<br>blue |
| 2          | 85031159 | PCDS_SCUS_SCUS_A220E_02.0_SS |   |          |           |         |                    |
| 3          | 85031160 | PCDS_SCUS_SCUS_A220E_03.0_SS |   |          |           |         |                    |
| 5          | 85031161 | PCDS_SCUS_SCUS_A220E_05.0_SS |   |          |           |         |                    |
| 6          | 85031162 | PCDS_SCUS_SCUS_A220E_06.0_SS |   |          |           |         |                    |
| 7          | 85031163 | PCDS_SCUS_SCUS_A220E_07.0_SS |   |          |           |         |                    |
| 10         | 85031164 | PCDS_SCUS_SCUS_A220E_10.0_SS |   |          |           |         |                    |
| 15         | 85031165 | PCDS_SCUS_SCUS_A220E_15.0_SS |   |          |           |         |                    |
| 20         | 85031166 | PCDS_SCUS_SCUS_A220E_20.0_SS |   |          |           |         |                    |

### Singlemode APC, SC duplex patch cord



| Length (m) | Item no. | Description                  | Cable                                   | Polarity | Colors    |         |       |
|------------|----------|------------------------------|---|----------|-----------|---------|-------|
|            |          |                              |   |          | Connector | Clip    | Boot  |
| 1          | 85029993 | PCDS_SCAS_SCAS_A220E_01.0_SS | Fig. 8,<br>2.0 mm<br>yellow<br>G.657.A2 | A-B/B-A  | green     | no clip | green |
| 2          | 85029995 | PCDS_SCAS_SCAS_A220E_02.0_SS |   |          |           |         |       |
| 3          | 85029997 | PCDS_SCAS_SCAS_A220E_03.0_SS |   |          |           |         |       |
| 5          | 85030000 | PCDS_SCAS_SCAS_A220E_05.0_SS |   |          |           |         |       |
| 6          | 85030001 | PCDS_SCAS_SCAS_A220E_06.0_SS |   |          |           |         |       |
| 7          | 85030002 | PCDS_SCAS_SCAS_A220E_07.0_SS |   |          |           |         |       |
| 10         | 85030003 | PCDS_SCAS_SCAS_A220E_10.0_SS |   |          |           |         |       |
| 15         | 85030004 | PCDS_SCAS_SCAS_A220E_15.0_SS |   |          |           |         |       |
| 20         | 85030005 | PCDS_SCAS_SCAS_A220E_20.0_SS |   |          |           |         |       |

### Multimode OM2, SC duplex patch cord



| Length (m) | Item no. | Description                  | Cable  | Polarity | Colors    |         |                   |
|------------|----------|------------------------------|--|----------|-----------|---------|-------------------|
|            |          |                              |  |          | Connector | Clip    | Boot              |
| 1          | 85031185 | PCDS_SCMS_SCMS_O220E_01.0_MM | Fig. 8,<br>2.0 mm<br>orange<br>MM G50<br>(OM2) | A-B/B-A  | beige     | no clip | 2 × black/<br>red |
| 2          | 85031186 | PCDS_SCMS_SCMS_O220E_02.0_MM |  |          |           |         |                   |
| 3          | 85031187 | PCDS_SCMS_SCMS_O220E_03.0_MM |  |          |           |         |                   |
| 5          | 85031188 | PCDS_SCMS_SCMS_O220E_05.0_MM |  |          |           |         |                   |
| 6          | 85031189 | PCDS_SCMS_SCMS_O220E_06.0_MM |  |          |           |         |                   |
| 7          | 85031190 | PCDS_SCMS_SCMS_O220E_07.0_MM |  |          |           |         |                   |
| 10         | 85031191 | PCDS_SCMS_SCMS_O220E_10.0_MM |  |          |           |         |                   |
| 15         | 85031192 | PCDS_SCMS_SCMS_O220E_15.0_MM |  |          |           |         |                   |
| 20         | 85031193 | PCDS_SCMS_SCMS_O220E_20.0_MM |  |          |           |         |                   |

### Multimode OM3, SC duplex patch cord



| Length (m) | Item no. | Description                  | Cable  | Polarity | Colors    |         |                   |
|------------|----------|------------------------------|--|----------|-----------|---------|-------------------|
|            |          |                              |  |          | Connector | Clip    | Boot              |
| 1          | 85031194 | PCDS_SCMS_SCMS_O320E_01.0_MM | Fig. 8,<br>2.0 mm<br>aqua<br>MM G50<br>(OM3) | A-B/B-A  | aqua      | no clip | 2 × black/<br>red |
| 2          | 85031195 | PCDS_SCMS_SCMS_O320E_02.0_MM |  |          |           |         |                   |
| 3          | 85031196 | PCDS_SCMS_SCMS_O320E_03.0_MM |  |          |           |         |                   |
| 5          | 85031197 | PCDS_SCMS_SCMS_O320E_05.0_MM |  |          |           |         |                   |
| 6          | 85031198 | PCDS_SCMS_SCMS_O320E_06.0_MM |  |          |           |         |                   |
| 7          | 85031199 | PCDS_SCMS_SCMS_O320E_07.0_MM |  |          |           |         |                   |
| 10         | 85031200 | PCDS_SCMS_SCMS_O320E_10.0_MM |  |          |           |         |                   |
| 15         | 85031201 | PCDS_SCMS_SCMS_O320E_15.0_MM |  |          |           |         |                   |
| 20         | 85031202 | PCDS_SCMS_SCMS_O320E_20.0_MM |  |          |           |         |                   |

### Accessories



| Clip type | Item no. | Description        | Colour      | Packing unit |
|-----------|----------|--------------------|-------------|--------------|
| Duplex    | 84031089 | FSC-DUP-CLIP_100-P | transparent | 100          |