

## Fiber Optic Patch Cords



✓ Duplex patch cord

✓ Individual test report

✓ LSZH outer sheath

✓ various connectors & fiber classes

### Abstract

Fiber optic patch cords, duplex, various connectors, Singlemode & Multimode, OS2 to OM5, LSZH

### Features

- LSZH (Low Smoke Zero Halogen) outer sheath
- I-VH-2G-XXX (Multimode); I-VH-2G-XXX (Singlemode)
- Cable outer diameter: 2.0 mm
- Connectors with ceramic ferrule
- Available with PC (physical contact) and 8° APC (angled physical contact) polish
- Available connectors: LC, SC, ST
- Available fiber classes: OS2 (09/125  $\mu$ ), Cable Type: G657.A2
- Available fiber classes: OM3, OM4 & OM5 (50/125  $\mu$ )

### Norms

IEC 60793-2

IEC 61754-4 (SC connectors)

IEC 61754-20 (LC connectors)

### Product Overview

The Fiber Optic Patch Cords are available in various fiber classes and connector combinations to cover all necessary requirements. Each cable is single packed in a polybag with a test report that guarantees best performance in typical application scenarios like telecommunication, rack cabling, sensor technologies or industrial applications.

### Technical Properties

| Description                            | Value               |
|----------------------------------------|---------------------|
| Insertion loss                         | $\leq 0.30$ dB      |
| Return loss                            | $\geq 30$ dB (UPC)  |
| Storage- & operating temperature range | -40 °C up to +85 °C |
| Length tolerance $\leq 10$ m           | +100 mm/-0 mm       |
| Length tolerance $> 11$ m              | +50 mm/-0 mm        |

## Product Images

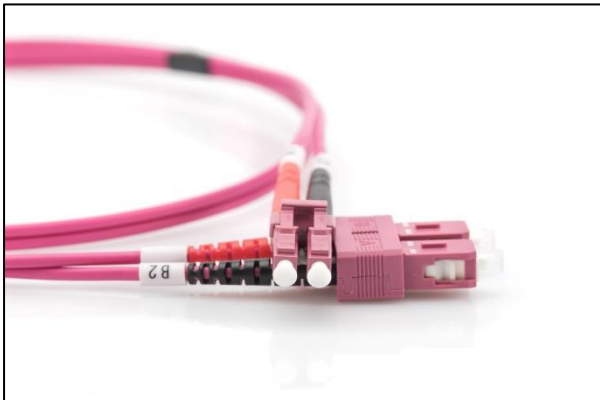
SM OS2 - ST to ST



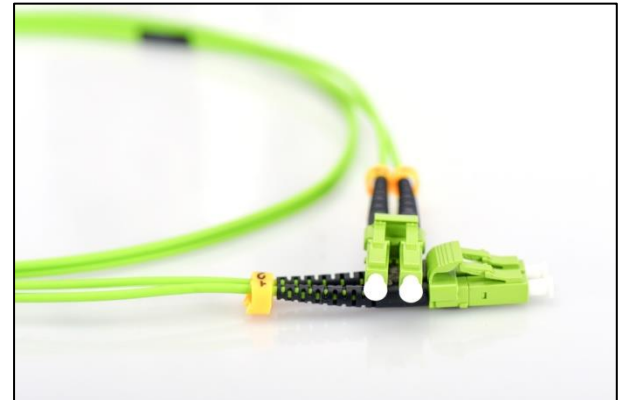
MM OM3 - ST to SC



MM OM4 - LC to SC

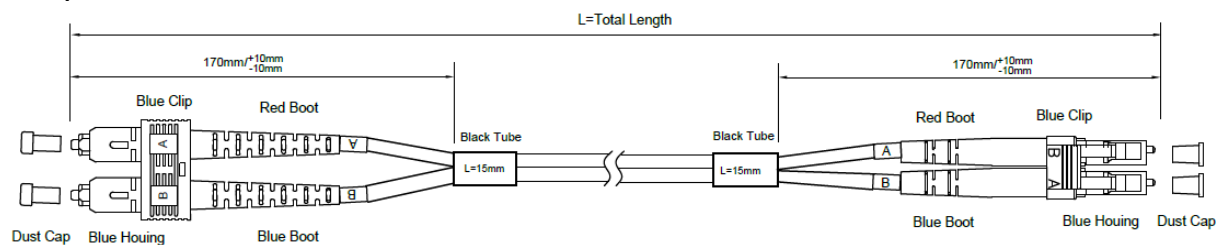


MM OM5 - LC to LC



## Technical Drawings

Example SM OS2 - SC to LC



## Product Number Information

### MM OM5

| Item code    | Connector 1 | Connector 2 | Polish |
|--------------|-------------|-------------|--------|
| DK-2533-xx-5 | LC          | LC          | PC     |
| DK-2522-xx-5 | SC          | SC          |        |

\* xx = choose a length (e.g. 1 meter = "01"; 10 meter = "10"; etc.)

### MM OM4

| Item code    | Connector 1 | Connector 2 | Polish |
|--------------|-------------|-------------|--------|
| DK-2533-xx-4 | LC          | LC          | PC     |
| DK-2522-xx-4 | SC          | SC          |        |
| DK-2532-xx-4 | LC          | SC          |        |
| DK-2531-xx-4 | LC          | ST          |        |
| DK-2511-xx-4 | ST          | ST          |        |
| DK-2512-xx-4 | ST          | SC          |        |

\* xx = choose a length (e.g. 1 meter = "01"; 10 meter = "10"; etc.)

### MM OM3

| Item code    | Connector 1 | Connector 2 | Polish |
|--------------|-------------|-------------|--------|
| DK-2533-xx/3 | LC          | LC          | PC     |
| DK-2522-xx/3 | SC          | SC          |        |
| DK-2532-xx/3 | LC          | SC          |        |
| DK-2531-xx/3 | LC          | ST          |        |
| DK-2511-xx/3 | ST          | ST          |        |
| DK-2512-xx/3 | ST          | SC          |        |

\* xx = choose a length (e.g. 1 meter = "01"; 10 meter = "10"; etc.)

### SM OS2

| Item code        | Connector 1 | Polish 1 | Connector 2 | Polish 2 |
|------------------|-------------|----------|-------------|----------|
| DK-2933-xx       | LC          | PC       | LC          | PC       |
| DK-2922-xx       | SC          |          | SC          |          |
| DK-2932-xx       | LC          |          | SC          |          |
| DK-2931-xx       | LC          |          | ST          |          |
| DK-2911-xx       | ST          |          | ST          |          |
| DK-2912-xx       | ST          |          | SC          |          |
|                  |             |          |             |          |
| DK-293LCA3LC-xx  | LC          | APC      | LC          | PC       |
| DK-292SCA2SC-xx  | SC          |          | SC          |          |
| DK-292SCA3LC-xx  | SC          |          | LC          |          |
|                  |             |          |             |          |
| DK-293LCA3LCA-xx | LC          | APC      | LC          | APC      |
| DK-292SCA2SCA-xx | SC          |          | SC          |          |
| DK-292SCA3LCA-xx | SC          |          | LC          |          |

\* xx = choose a length (e.g. 1 meter = "01"; 10 meter = "10"; etc.)