

# DATASHEET

## Duplex Patchcable LC-LC OM2 LSZH 2mm orange



### General data

Fiber jumper are well defined components in international standard of structured cabling ISO/IEC11801. Due to many different network protocols created in the last 25 years , also a wide range of connectors had been developed. Some of them are still important today: LC, SC, E2000®, MPO/MTP.

Fiber jumper (patchcord) are defined as shortest connection between passive interface and active deviceport, regarding structured cabling standard. Rating of performance, known as category, as well as performance of total transmission channel, known as link class, Similar descriptions for patchcords: Connection cable, drop cable, adapter cable, interconnecting cord, Jumper

### Features of EFB fiber optic patch cables

Tension relief reinforced with aramid yarn

Halogen-free and flame-retardant sheath according to IEC-60754-2, IEC-60332-1 and IEC-61034

EFB fiber optic connectors meet the minimum quality class Grade B/2 according to IEC-61753-1 for singlemode and Grade A/1 for multimode according to IEC 61753-122-2 (UPC cut)

100% tested and with individual measurement report

### Allgemeine Daten

|                      |          |
|----------------------|----------|
| Insertion loss 850nm | < 0.3 dB |
| APC version          | False    |
| Number of fibres     | 2        |
| Jacket Material      | LSZH     |

### General data

|                      |                                      |
|----------------------|--------------------------------------|
| Colour outer sheath  | orange                               |
| Bend optimized fiber | OM2 acc. to IEC60793-2-10 type A1a.1 |
| Connector colour 2   | beige                                |

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|                    |                 |
|--------------------|-----------------|
| (Halogenfree)      | acc. IEC60754-1 |
| Cable type         | I-V(ZN) H       |
| Anti-kink sleeve   | put-on          |
| Category           | OM2             |
| Connector colour 1 | beige           |
| Cable Ø            | 2.0 mm          |

### Mechanical characteristics

|                               |       |
|-------------------------------|-------|
| Min. Bending radius (Dynamic) | 20xOD |
| Max. Tension                  | 160 N |
| Min. Bending radius (Static)  | 10xOD |

### Cable construction

|                    |        |
|--------------------|--------|
| Cable Construction | Duplex |
|--------------------|--------|

### Kabelaufbau

|                                |                   |
|--------------------------------|-------------------|
| Type of connector connection 2 | LC-Duplex         |
| Fibre type                     | Multi mode 50/125 |
| Type of connector connection 1 | LC-Duplex         |

### Cable sheath

|                                          |                           |
|------------------------------------------|---------------------------|
| Flame-retardant                          | According to EN 50265-2-1 |
| Halogen free (according to EN 50267-2-3) | True                      |
| Low smoke                                | acc. IEC61034-1           |

### Umgebungsbedingungen

|                       |             |
|-----------------------|-------------|
| Storage Temperature   | -20 – 85 °C |
| Operating Temperature | -20 – 75 °C |

### Übertragungstechnische Eigenschaften

|                         |                                  |
|-------------------------|----------------------------------|
| Quality class Multimode | A/1 according to IEC-61753-222-2 |
|-------------------------|----------------------------------|

### Normen, Zulassungen, Zertifizierungen

|                           |             |
|---------------------------|-------------|
| Cable Conform to Standard | IEC 60793-2 |
|---------------------------|-------------|

### Standards, approvals, certifications

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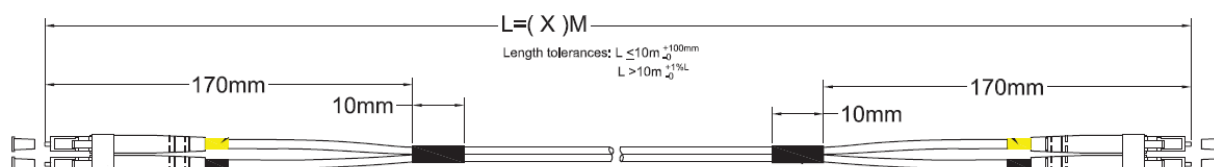
Connector Conform to Standard

IEC 61754-20

### Available variants

| ArtNr.    | Bezeichnung                                      | Length | Längentoleranz |
|-----------|--------------------------------------------------|--------|----------------|
| 00310.050 | Duplex Patchcable LC-LC OM2 0,5m LSZH 2mm orange | 0.5 m  | ±5 %           |
| 00310.1   | Duplex Patchcable LC-LC OM2 1m LSZH 2mm orange   | 1.0 m  | ±5 %           |
| 00310.2   | Duplex Patchcable LC-LC OM2 2m LSZH 2mm orange   | 2.0 m  | ±5 %           |
| 00310.3   | Duplex Patchcable LC-LC OM2 3m LSZH 2mm orange   | 3.0 m  | ±5 %           |
| 00310.5   | Duplex Patchcable LC-LC OM2 5m LSZH 2mm orange   | 5.0 m  | ±5 %           |
| 00310.7,5 | Duplex Patchcable LC-LC OM2 7,5m LSZH 2mm orange | 7.5 m  | ±5 %           |
| 00310.10  | Duplex Patchcable LC-LC OM2 10m LSZH 2mm orange  | 10.0 m | ±5 %           |
| 00310.15  | Duplex Patchcable LC-LC OM2 15m LSZH 2mm orange  | 15.0 m | ±5 %           |
| 00310.20  | Duplex Patchcable LC-LC OM2 20m LSZH 2mm orange  | 20.0 m | ±5 %           |
| 00310.25  | Duplex Patchcable LC-LC OM2 25m LSZH 2mm orange  | 25.0 m | ±5 %           |
| 00310.30  | Duplex Patchcable LC-LC OM2 30m LSZH 2mm orange  | 30.0 m | ±5 %           |
| 00310.35  | Duplex Patchcable LC-LC OM2 35m LSZH 2mm orange  | 35.0 m | ±5 %           |
| 00310.40  | Duplex Patchcable LC-LC OM2 40m LSZH 2mm orange  | 40.0 m | ±5 %           |
| 00310.50  | Duplex Patchcable LC-LC OM2 50m LSZH 2mm orange  | 50.0 m | ±5 %           |

### Drawings



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WIR SORGEN FÜR VERBINDUNG  
WE CARE FOR CONNECTION

