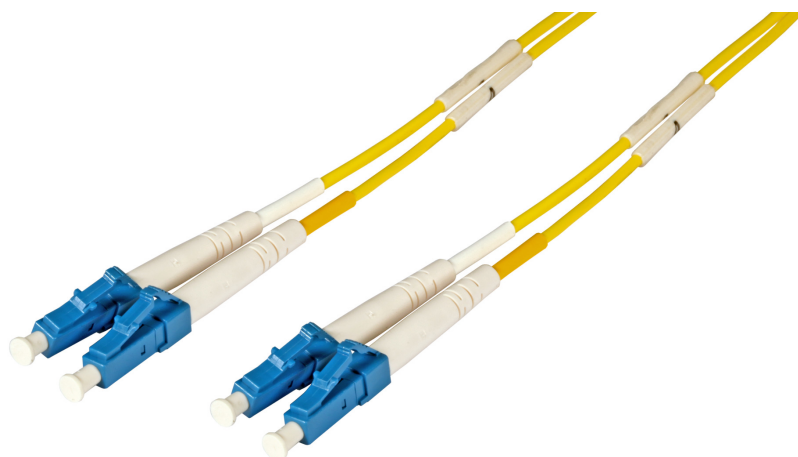


# DATASHEET

## Duplex Patchcable LC-LC OS2 G652D 2m LSZH 2mm yellow



### 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 1310nm | < 0.3 dB |
| APC version           | False    |
| Number of fibres      | 2        |
| Jacket Material       | LSZH     |

### General data

|                    |      |
|--------------------|------|
| Connector colour 2 | blue |
|--------------------|------|

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# DATASHEET

## Duplex Patchcable LC-LC OS2 G652D 2m LSZH 2mm yellow

|                      |                           |
|----------------------|---------------------------|
| (Halogenfree)        | acc. IEC60754-1           |
| Connector colour 1   | blue                      |
| Category             | OS2 acc. to ITU-T G.652.D |
| Cable type           | I-V(ZN) H                 |
| Anti-kink sleeve     | put-on                    |
| Colour outer sheath  | yellow                    |
| Cable Ø              | 2.0 mm                    |
| Bend optimized fiber | no                        |

### 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                     | Single mode 9/125 |
| 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 singlemode | B/2 acc. IEC 61753-1 |
|--------------------------|----------------------|

### Normen, Zulassungen, Zertifizierungen

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# DATASHEET

## Duplex Patchcable LC-LC OS2 G652D 2m LSZH 2mm yellow

Cable Conform to Standard | IEC 60793-2

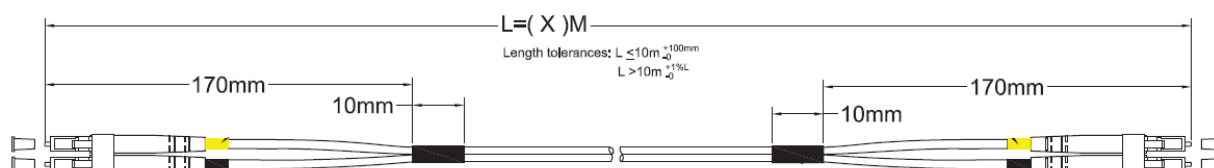
### Standards, approvals, certifications

Connector Conform to Standard | IEC 61754-20

### Available variants

| ArtNr.    | Bezeichnung  | Length | Längentoleranz |
|-----------|--|--------|----------------|
| O0350.0,5 | Duplex Patchcable LC-LC OS2 G652D 0,5m LSZH 2mm yellow | 0.5 m  | ±5 %           |
| O0350.1   | Duplex Patchcable LC-LC OS2 G652D 1m LSZH 2mm yellow   | 1.0 m  | ±5 %           |
| O0350.1,5 | Duplex Patchcable LC-LC OS2 G652D 1,5m LSZH 2mm yellow | 1.5 m  | ±5 %           |
| O0350.2   | Duplex Patchcable LC-LC OS2 G652D 2m LSZH 2mm yellow   | 2.0 m  | ±5 %           |
| O0350.3   | Duplex Patchcable LC-LC OS2 G652D 3m LSZH 2mm yellow   | 3.0 m  | ±5 %           |
| O0350.5   | Duplex Patchcable LC-LC OS2 G652D 5m LSZH 2mm yellow   | 5.0 m  | ±5 %           |
| O0350.7,5 | Duplex Patchcable LC-LC OS2 G652D 7,5m LSZH 2mm yellow | 7.5 m  | ±5 %           |
| O0350.10  | Duplex Patchcable LC-LC OS2 G652D 10m LSZH 2mm yellow  | 10.0 m | ±5 %           |
| O0350.15  | Duplex Patchcable LC-LC OS2 G652D 15m LSZH 2mm yellow  | 15.0 m | ±5 %           |
| O0350.20  | Duplex Patchcable LC-LC OS2 G652D 20m LSZH 2mm yellow  | 20.0 m | ±5 %           |
| O0350.25  | Duplex Patchcable LC-LC OS2 G652D 25m LSZH 2mm yellow  | 25.0 m | ±5 %           |
| O0350.30  | Duplex Patchcable LC-LC OS2 G652D 30m LSZH 2mm yellow  | 30.0 m | ±5 %           |
| O0350.35  | Duplex Patchcable LC-LC OS2 G652D 35m LSZH 2mm yellow  | 35.0 m | ±5 %           |
| O0350.40  | Duplex Patchcable LC-LC OS2 G652D 40m LSZH 2mm yellow  | 40.0 m | ±5 %           |
| O0350.50  | Duplex Patchcable LC-LC OS2 G652D 50m LSZH 2mm yellow  | 50.0 m | ±5 %           |

### Drawings



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