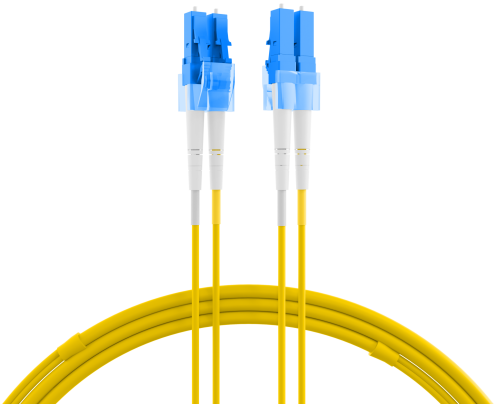
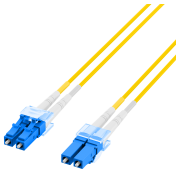
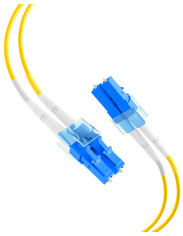
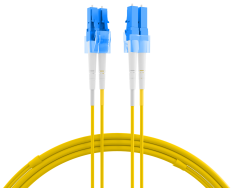
# DATASHEET

## Duplex Patchcable LC-LC OS2 G652D 20m 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



EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

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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 B/2 for multimode according to IEC 61753-122-2 (UPC cut)
100% tested and with individual measurement report

| Technical properties | |
|---|---|
| Anti-kink sleeve | put-on |
| Bend optimized fiber | no |
| Cable structure | Duplex |
| Cable type | I-V(ZN) H |
| Cable Ø | 2 mm |
| Category | OS2 G652D |
| Colour outer sheath | yellow |
| Fibre type | Single mode 9/125 |
| Flame retardant | acc. to IEC 60332-1-2 |
| Halogen free | acc. to IEC 62821 |
| Insertion loss 1310nm | ≤0,15 dB |
| Low smoke | acc. to IEC 61034 |
| Material outer sheath | LSZH |
| Min. Bending radius (Dynamic) | 20xOD mm |
| Min. Bending radius (Static) | 10xOD mm |
| Number of fibres | 2 |
| Operating Temperature | -20 – 60 °C |
| Packaging | EFB-Electronics poly bag (resealable) |
| Reinforcment | Aramid |
| Return loss 1550nm | ≥45 dB |
| Return loss 1310nm | ≥45 dB |
| Scope of delivery | 1x Patchcable, 2x Duplex Clip, 1x Measurement Report, 1x Information Sheet |
| Storage Temperature | -20 – 70 °C |
| Type of connector connection 1 | LC |
| Type of connector connection 2 | LC |

**Available variants**

| ArtNr. | Bezeichnung | Length | Length tolerance |
|---|---|---|---|
| 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 % |

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| | | | |
|---|---|---|---|
| O0350.1,5 | Duplex Patchcable LC-LC OS2 G652D 1,5m LSZH 2mm yellow | 1.5 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 % |
| O0350.2 | Duplex Patchcable LC-LC OS2 G652D 2m LSZH 2mm yellow | 2.0 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 % |
| O0350.3 | Duplex Patchcable LC-LC OS2 G652D 3m LSZH 2mm yellow | 3.0 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 % |
| O0350.5 | Duplex Patchcable LC-LC OS2 G652D 5m LSZH 2mm yellow | 5.0 m | ±5 % |
| O0350.50 | Duplex Patchcable LC-LC OS2 G652D 50m LSZH 2mm yellow | 50.0 m | ±5 % |
| O0350.7,5 | Duplex Patchcable LC-LC OS2 G652D 7,5m LSZH 2mm yellow | 7.5 m | ±5 % |

**Note on Intended Use**

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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