# DATASHEET

## Duplex Patchcable E2000®-SC OM3 3m LSZH 3mm aqua



### 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

| Technical properties | |
|---|---|
| Anti-kink sleeve | put-on |
| Bend optimized fiber | OM3 acc. to IEC60793-2-10 type A1a.2 and A1a.3 |
| Cable structure | Duplex |
| Cable type | I-V(ZN) H |
| Cable Ø | 3 mm |
| Category | OM3 |
| Colour outer sheath | aqua |
| Fibre type | Multi mode 50/125 |
| Flame retardant | acc. to EN 50265-2-1 |
| Halogen free | acc. to IEC 60754-1 |
| Low smoke | acc. to IEC 61034-1 |

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| | |
|---|---|
| Material outer sheath | LSZH |
| Max. Tension (long term) | 160 N |
| Min. Bending radius (Dynamic) | 20xOD |
| Min. Bending radius (Static) | 10xOD |
| Number of fibres | 2 |
| Operating Temperature | -20 – 75 °C |
| Storage Temperature | -20 – 85 °C |
| Type of connector connection 1 | E2000® |
| Type of connector connection 2 | SC |

**Available variants**

| ArtNr. | Bezeichnung | Length | Length tolerance |
|---|---|---|---|
| O0953.0,5 | Duplex Patchcable E2000®-SC OM3 0,5m LSZH 3mm aqua | 0.5 m | ±5 % |
| O0953.1 | Duplex Patchcable E2000®-SC OM3 1m LSZH 3mm aqua | 1.0 m | ±5 % |
| O0953.10 | Duplex Patchcable E2000®-SC OM3 10m LSZH 3mm aqua | 10.0 m | ±5 % |
| O0953.2 | Duplex Patchcable E2000®-SC OM3 2m LSZH 3mm aqua | 2.0 m | ±5 % |
| O0953.3 | Duplex Patchcable E2000®-SC OM3 3m LSZH 3mm aqua | 3.0 m | ±5 % |
| O0953.5 | Duplex Patchcable E2000®-SC OM3 5m LSZH 3mm aqua | 5.0 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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