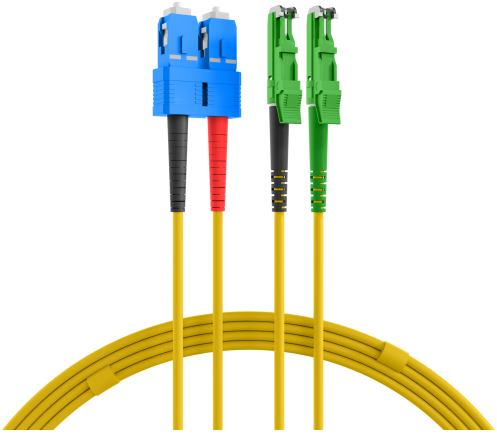
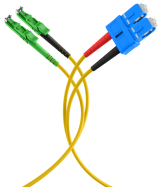
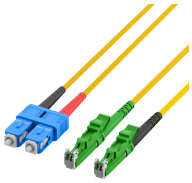
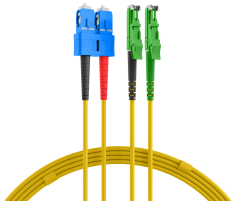
# DATASHEET

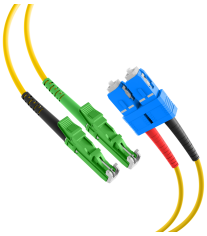
## Duplex Patchcable E2000™/APC-SC OS2 30m 3mm yellow G657A1 Grade C











### 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 | yes |
| Cable structure | Duplex |
| Cable type | I-V(ZN) H |

**This datasheet was created automatically on 16-10-2026 . Technical changes reserved.**

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| | |
|---|---|
| Cable Ø | 3 mm |
| Category | OS2 G657A1 |
| Colour outer sheath | yellow |
| Fibre type | Single mode 9/125 |
| Flame retardant | acc. to IEC 60332-1 |
| Halogen free | acc. to IEC 60754-2 |
| Insertion loss 1310nm | ≤ 0,25 dB |
| Insertion loss 1550nm | ≤ 0,25 dB |
| Low smoke | acc. to IEC 61034-1 |
| Material outer sheath | LSZH |
| Min. Bending radius (Dynamic) | 50mm mm |
| Min. Bending radius (Static) | 30mm mm |
| Number of fibres | 2 |
| Operating Temperature | -20 – 70 °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 | -25 – 60 °C |
| Type of connector connection 1 | E2000™/APC |
| Type of connector connection 2 | SC |

**Available variants**

| ArtNr. | Bezeichnung | Length | Outer diameter sheath single fibre | Length tolerance |
|---|---|---|---|---|
| O0939.0,5 | Duplex Patchcable E2000™/APC-SC OS2 0,5m 3mm yellow G657A1 Grade C | 0.5 m | 3.0 mm | ±5 % |
| O0939.1 | Duplex Patchcable E2000™/APC-SC OS2 1m 3mm yellow G657A1 Grade C | 1.0 m | 3.0 mm | ±5 % |
| O0939.10 | Duplex Patchcable E2000™/APC-SC OS2 10m 3mm yellow G657A1 Grade C | 10.0 m | 3.0 mm | ±5 % |
| O0939.15 | Duplex Patchcable E2000™/APC-SC OS2 15m 3mm yellow G657A1 Grade C | 15.0 m | 3.0 mm | ±5 % |

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| | | | | |
|---|---|---|---|---|
| O0939.2 | Duplex Patchcable E2000™/APC-SC OS2 2m 3mm yellow G657A1 Grade C | 2.0 m | 3.0 mm | ±5 % |
| O0939.20 | Duplex Patchcable E2000™/APC-SC OS2 20m 3mm yellow G657A1 Grade C | 20.0 m | 3.0 mm | ±5 % |
| O0939.25 | Duplex Patchcable E2000™/APC-SC OS2 25m 3mm yellow G657A1 Grade C | 25.0 m | 3.0 mm | ±5 % |
| O0939.3 | Duplex Patchcable E2000™/APC-SC OS2 3m 3mm yellow G657A1 Grade C | 3.0 m | 3.0 mm | ±5 % |
| O0939.30 | Duplex Patchcable E2000™/APC-SC OS2 30m 3mm yellow G657A1 Grade C | 30.0 m | 3.0 mm | ±5 % |
| O0939.35 | Duplex Patchcable E2000™/APC-SC OS2 35m 3mm yellow G657A1 Grade C | 35.0 m | 3.0 mm | ±5 % |
| O0939.40 | Duplex Patchcable E2000™/APC-SC OS2 40m 3mm yellow G657A1 Grade C | 40.0 m | 3.0 mm | ±5 % |
| O0939.5 | Duplex Patchcable E2000™/APC-SC OS2 5m 3mm yellow G657A1 Grade C | 5.0 m | 3.0 mm | ±5 % |
| O0939.50 | Duplex Patchcable E2000™/APC-SC OS2 50m 3mm yellow G657A1 Grade C | 50.0 m | 3.0 mm | ±5 % |
| O0939.7,5 | Duplex Patchcable E2000™/APC-SC OS2 7,5m 3mm yellow G657A1 Grade C | 7.5 m | 3.0 mm | ±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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