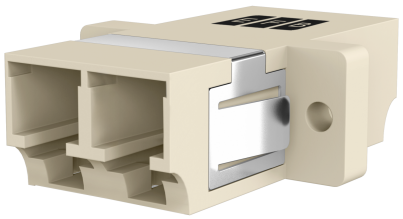
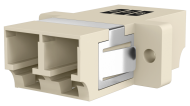
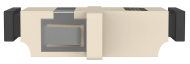
# DATASHEET

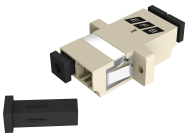
## Adapter LC Duplex OM1-2 beige











### General data

EFB-Elektronik's precision-engineered LC duplex coupling connects fibre optic cables to LC duplex connectors and is designed for multimode applications in the OM1-2 category. The plastic housing with ceramic sleeve is designed for reliable use in network and telecommunications installations.

• LC duplex connectors on both sides – Enable precise connection of compatible fibre links in multimode installations.
• Designed for OM1-2 multimode – Supports transmission links tailored to this category and its requirements.
• Beige plastic housing with flange, ceramic sleeve and white dust cap – Ensures a robust design and facilitates secure mounting and visual identification.

The coupling is designed for applications where a stable and precise plug connection is required. The LC duplex design supports dual signal routing. The locking mechanism and fastening by screw or snap-in enable secure integration into matching front panels and housings. The flanged housing and dust cap increase practicality in the installation environment. The beige design supports a clear assignment. The design is specified as SC-Simplex.

Technical details
• Connector type Connector 1: LC Duplex
• Connector type Connector 2: LC Duplex
• Category: OM1-2
• Suitable for fibre type: Multimode
• Design: SC-Simplex

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## Adapter LC Duplex OM1-2 beige

- Colour: beige
- Sleeve material: ceramic
- Housing material: plastic
- Housing design: Flanged
- Locking type: Latching Lock
- Mounting type: Screw, Snap-in
- Colour dust cover: white
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Self-tapping screw

| Technical properties | |
|---|---|
| Accessories | Self-Tapping Screw |
| Colour Dust Cover | White |
| Conform to Standard | IEC61754-20 |
| Construction type | SC-Simplex |
| Dust cover | true |
| Height | 9.3 mm |
| Internal Shutter | False |
| Length | 29.2 mm |
| Material housing | Plastic |
| Material sleeve | Ceramics |
| Operating temperature | -40 – 75 °C |
| Packaging | Polybag |
| Scope of deliveryLieferumfang | 1 coupling, 2 screws |
| Storage Temperature | -40 – 85 °C |
| Type of connector connection 1 | LC-Duplex |
| Type of connector connection 2 | LC-Duplex |
| Type of fastening | Screw/snap in |
| Type of housing | With flange |
| Type of locking | Latching mechanism |
| Width | 22.0 mm |

**Available variants**

| ArtNr. | Bezeichnung | Category | Colour | Insertion loss 850nm | Model | Suitable for type of fibre |
|---|---|---|---|---|---|---|
| 53348.32 | Adapter LC Duplex OM1-2 beige | OM1-2 | beige | < 0,2 dB | LC | Multi mode |

**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

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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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