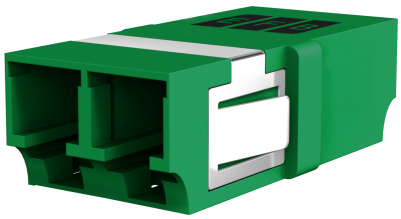
# DATASHEET

## Adapter LC/APC Duplex OS2 green flangeless











### General data

EFB-Elektronik's precision-engineered LC/APC duplex coupling connects fibre optic cables to LC duplex connectors and is designed for single-mode applications. The green plastic housing with ceramic sleeve is designed for reliable use in network, telecommunications, and FTTH installations.

LC Duplex Connectors on Both Sides – Enable precise connection of compatible fibre links in single-mode installations.
LC/APC Duplex Connector Design – Supports a connector-compatible connection with apc-typical design for structured fibre applications.
Flangeless plastic housing with ceramic sleeve and dust cap – Ensures a practical, robust design in the installation environment and makes it easier to protect the interface.

The coupling is designed for applications where a stable and precise plug-in connection is required. The LC duplex design supports dual signal routing. The locking mechanism and snap-in fastening enable secure integration into matching front panels and housings. The flangeless housing and dust cap increase practical suitability in the installation environment. The green version with white dust protection paint facilitates visual assignment. The design is specified as SC-Simplex.

Technical details
• Connector type Connector 1: LC Duplex
• Connector type Connector 2: LC Duplex
• Design: LC/APC

**This datasheet was created automatically on 01-11-2026 . Technical changes reserved.**

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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# DATASHEET

## Adapter LC/APC Duplex OS2 green flangeless

- Category: OM3
- Suitable for fibre type: Single-mode
- Design: SC-Simplex
- Colour: green
- Colour dust cover: white
- Sleeve material: ceramic
- Housing material: plastic
- Housing design: flangeless
- Locking type: Latching Lock
- Mounting type: Snap-in
- Dust cap: Yes

| Technical properties | |
|---|---|
| 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 |
| Storage Temperature | -40 – 85 °C |
| Type of connector connection 1 | LC-Duplex |
| Type of connector connection 2 | LC-Duplex |
| Type of fastening | Engage (snap) |
| Type of housing | flangeless |
| Type of locking | Latching mechanism |
| Width | 15.2 mm |

**Available variants**

| ArtNr. | Bezeichnung | Category | Colour | Insertion loss 1310nm | Model | Suitable for type of fibre |
|---|---|---|---|---|---|---|
| 53519.1 | Adapter LC/APC Duplex OS2 green flangeless | OM3 | Green | < 0,2 dB | LC/APC | Single 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

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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fax: +49 521 40 41 8-50

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