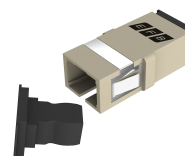
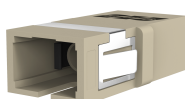
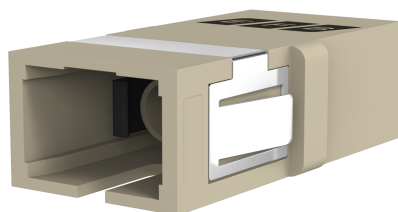


# DATASHEET

## Adapter SC Simplex OM1-2 beige flangeless



### General data

The precisely manufactured SC-Simplex coupling from EFB-Elektronik connects fibre optic cables to SC connectors and is designed for multimode applications in the OM1-2 category. The flangeless plastic housing with ceramic sleeve is designed for reliable use in practice-oriented installations. The beige version with black dust cap supports a clear visual assignment.

- SC connectors on both sides – Enable precise connection of compatible fibre links in multimode installations.
- Designed for OM1-2 multimode – Supports applications within the appropriate multimode category and ensures standard-compliant integration.
- Plastic housing without flange with ceramic sleeve and dust cap – Ensures a robust design and protects the interfaces in the installation environment.

The coupling is designed for applications where a stable and precise plug-in connection is required. The SC simplex design supports a clear structure of the connection. The latch lock and snap-in fastening enable secure integration into matching front panels and housings. The flangeless housing increases installation flexibility. The beige design and the black dust cap facilitate visual assignment in practical use.

### Technical details

- Connector type Connector 1: SC
- Connector type Connector 2: SC
- Finish: SC

This datasheet was created automatically on 22-10-2026 . Technical changes reserved.

# DATASHEET

## Adapter SC Simplex OM1-2 beige flangeless

- Design: SC-Simplex
- Category: OM1-2
- Suitable for fibre type: Multimode
- Colour: beige
- Sleeve material: ceramic
- Housing material: plastic
- Housing design: flangeless
- Locking type: Latching Lock
- Mounting type: Snap-in
- Colour dust cover: black
- Dust cap: Yes

### Technical properties

|                                |                    |
|--------------------------------|--------------------|
| Colour Dust Cover              | Black              |
| Conform to Standard            | IEC61754-4         |
| Construction type              | SC-Simplex         |
| Dust cover                     | Yes                |
| Height                         | 9.3 mm             |
| Internal Shutter               | False              |
| Length                         | 27.5 mm            |
| Material housing               | Plastic            |
| Material sleeve                | Ceramics           |
| Operating temperature          | -40 - 75 °C        |
| Packaging                      | Polybag            |
| Storage Temperature            | -40 - 85 °C        |
| Type of connector connection 1 | SC                 |
| Type of connector connection 2 | SC                 |
| Type of fastening              | Engage (snap)      |
| Type of housing                | flangeless         |
| Type of locking                | Latching mechanism |
| Width                          | 14.7 mm            |

### Available variants

| ArtNr.  | Bezeichnung                                  | Category | Colour | Insertion loss<br>1310nm | Insertion loss<br>850nm | Model | Suitable for<br>type of fibre |
|---------|----------------------------------------------|----------|--------|--------------------------|-------------------------|-------|-------------------------------|
| 53510.1 | Adapter SC Simplex OM1-2<br>beige flangeless | OM1-2    | beige  | < 0.15 dB                | < 0,2 dB                | SC    | 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

This datasheet was created automatically on 22-10-2026 . Technical changes reserved.



# DATASHEET

## Adapter SC Simplex OM1-2 beige flangeless

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.

This datasheet was created automatically on 22-10-2026 . 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

WIR SORGEN FÜR VERBINDUNG  
WE CARE FOR CONNECTION

