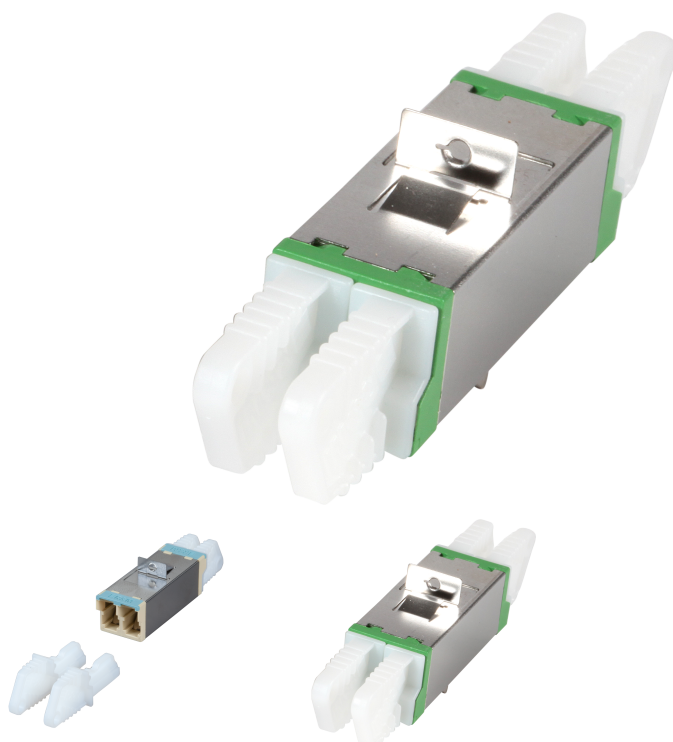


# DATASHEET

## R&M adapter E2000™ /APC Duplex/Compact OS2 green Grade C



### General data

The precisely manufactured E2000®/APC duplex coupling from EFB-Elektronik connects fibre optic cables with E2000® compact connectors and is designed for single-mode applications in the OS2 category. The plastic housing with ceramic sleeve is designed for reliable use in environments close to installation and offers a compact, practical design.

- E2000® compact connectors on both sides – Enable precise connection of compatible single-mode routes and support secure integration into OS2 installations.
- E2000/APC version for category OS2 – Supports transmission technology designed for low attenuation and long range.
- Green plastic housing with flange, internal shutter and semi-transparent dust cap – Ensures a robust design, simplifies assignment and protects the contact surfaces during operation and installation.

The coupling is designed for applications where a stable and precise plug connection is required. The E2000® duplex design supports dual signal routing, while the internal shutter increases the protection of the optical interfaces. The latch lock and screw fastening enable secure integration into matching front panels and housings. The flanged housing and dust cap increase practicality in the installation environment. The green version with semi-transparent dust protection paint facilitates visual assignment.

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### Technical details

- Connector type Connector 1: E2000® compact
- Connector type Connector 2: E2000® compact
- Version: E2000/APC
- Design: SC duplex
- Category: OS2
- Suitable for fibre type: Single-mode
- Colour: green
- Sleeve material: ceramic
- Housing material: plastic
- Housing design: Flanged
- Internal shutter: Yes
- Locking type: Latching Lock
- Mounting type: Screw
- Colour dust cover: semi-transparent
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Metric screw

| Technical properties           |                      |
|--------------------------------|----------------------|
| Accessories                    | Metric Bold          |
| Colour Dust Cover              | semi-transparent     |
| Conform to Standard            | IEC61754-15          |
| Construction type              | SC-Duplex            |
| Dust cover                     | True                 |
| Height                         | 13 mm                |
| Internal Shutter               | True                 |
| Length                         | 42 mm                |
| Material housing               | Plastic              |
| Material sleeve                | Ceramics             |
| Operating temperature          | -25 - 70 °C          |
| Scope of deliveryLieferumfang  | 1 coupling, 2 screws |
| Storage Temperature            | -25 - 70 °C          |
| Type of connector connection 1 | E2000® compact       |
| Type of connector connection 2 | E2000® compact       |
| Type of fastening              | screw/lock           |
| Type of housing                | With flange          |
| Type of locking                | Latching mechanism   |
| Width                          | 22.8 mm              |

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## R&M adapter E2000™ /APC Duplex/Compact OS2 green Grade C

### Available variants

| ArtNr.  | Bezeichnung                                                 | Category | Colour | Insertion loss<br>1310nm | Model     | Suitable for type<br>of fibre |
|---------|-------------------------------------------------------------|----------|--------|--------------------------|-----------|-------------------------------|
| 53523.1 | R&M adapter E2000™ /APC<br>Duplex/Compact OS2 green Grade C | OS2      | Green  | < 0,2 dB                 | E2000/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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