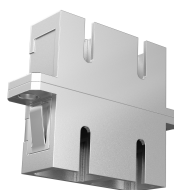
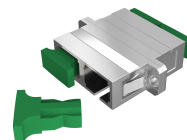


DATASHEET

Adapter SC/APC Duplex OS2 metal housing



General data

The precision-engineered SC/APC duplex coupling from EFB-Elektronik connects SC duplex connectors in single-mode applications of the OS2 category. The metal housing with flange, ceramic sleeve and green dust cap is designed for reliable use in network, telecommunications and FTTH installations.

- SC/APC duplex design with SC duplex connectors on both sides – Enables precise connection of compatible fibre links in single-mode installations.
- Designed for OS2 single-mode – Supports low-attenuation, long-range optical transmission applications.
- Metal housing with flange, ceramic sleeve and green dust cap – Ensures a robust design and facilitates safe use in the installation environment.

The coupling is designed for applications where a stable and precise plug-in connection is required. The SC/APC duplex design supports dual signal routing. The ceramic sleeve supports precise contacting. The locking mechanism and fastening by screw enable secure integration into matching front panels and housings. The metal housing with flange and the green dust cap increase practicality in the installation environment.

Technical details

- Connector type Connector 1: SC Duplex
- Connector type Connector 2: SC Duplex
- Design: SC/APC
- Design: SC duplex

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- Category: OS2
- Suitable for fibre type: Single-mode
- Colour: Metal
- Sleeve material: ceramic
- Case material: Metal
- Housing design: Flanged
- Locking type: Latching Lock
- Mounting type: Screw
- Dust cover colour: green
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Metric screw

Technical properties

Accessories	Metric Bold
Colour Dust Cover	Green
Conform to Standard	IEC61754-4
Construction type	SC-Duplex
Dust cover	True
Height	9.4 mm
Internal Shutter	False
Length	27.5 mm
Material housing	metal
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	SC-Duplex
Type of connector connection 2	SC-Duplex
Type of fastening	screw/lock
Type of housing	With flange
Type of locking	Latching mechanism
Width	35.0 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Model	Suitable for type of fibre
53319.3	Adapter SC/APC Duplex OS2 metal housing	OS2	metal	< 0,2 dB	SC/APC	Single mode

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Adapter SC/APC Duplex OS2 metal housing

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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