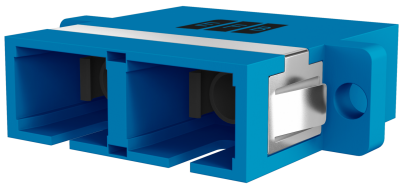
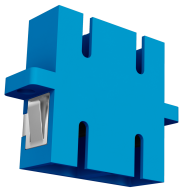
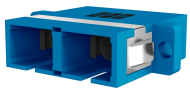
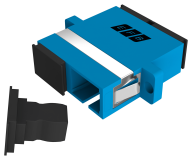
DATASHEET

Adapter SC Duplex OS2 blue









General data

EFB-Elektronik's precision-engineered SC Duplex Connector connects fibre optic cables to SC duplex connectors and is designed for single-mode applications in the OS2 category. The plastic housing with ceramic sleeve is designed for reliable use in network, telecommunications and FTTH installations.

• SC duplex connectors on both sides – Enable precise connection of compatible fibre links in single-mode installations.
• Designed for OS2 single-mode – Supports applications with low-attenuation, long-range transmission technology.
• Plastic housing with flange, ceramic sleeve and dust cap – Ensures a robust, practical design in the installation environment.

The coupling is designed for applications where a stable and precise plug-in connection is required. The SC duplex design supports dual signal routing. The latch lock 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 blue design and black dust protection colour facilitate visual identification.

Technical details
• Brand: EFB-Elektronik
• Finish: SC
• Design: SC duplex
• Connector type Connector 1: SC Duplex

This datasheet was created automatically on 12-11-2026 . Technical changes reserved.

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WIR SORGEN FÜR VERBINDUNG
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DATASHEET

Adapter SC Duplex OS2 blue

- Connector type Connector 2: SC Duplex
- Category: OS2
- Suitable for fibre type: Single-mode
- Colour: blue
- Colour dust cover: black
- Sleeve material: ceramic
- Housing material: plastic
- Housing design: Flanged
- Locking type: Latching Lock
- Mounting type: Screw, Snap-in
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Self-tapping screw

Technical properties	
Accessories	Self-Tapping Screw
Colour Dust Cover	Black
Conform to Standard	IEC61754-4
Construction type	SC-Duplex
Dust cover	True
Height	9.3 mm
Internal Shutter	False
Length	27.5 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	SC-Duplex
Type of connector connection 2	SC-Duplex
Type of fastening	Screw/snap in
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
53316.3	Adapter SC Duplex OS2 blue	OS2	blue	< 0,2 dB	SC	Single mode

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Adapter SC Duplex OS2 blue

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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