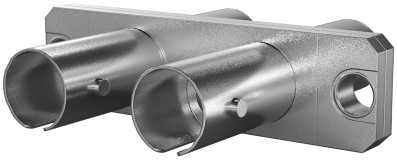
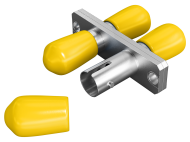
DATASHEET

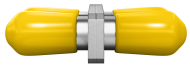
Adapter ST Duplex OS2 metal housing











General data

EFB-Elektronik's ST Duplex Connector connects fibre optic cables to ST duplex connectors and is designed for single-mode applications in the OS2 category. The metal housing with ceramic sleeve is designed for reliable use in installation environments with high demands on precision and mechanical stability.

• ST Duplex Connectors on Both Sides – Enable precise connection of compatible fibre links in single-mode installations.
• Designed for OS2 single-mode – Supports low-attenuation transmissions with fibre optimised for range.
• Metal housing with flange, ceramic sleeve and yellow dust cap – Ensures a robust and practical design in the installation environment.

The coupling is designed for applications where a stable and precise plug connection is required. The ST duplex design supports dual signal routing. The screw lock and fastening by screw enable secure integration into matching front panels and housings. The flanged housing and dust cap increase practicality in the installation environment. The design is specified as SC-Duplex. The scope of delivery includes 1 coupling and 2 screws, supplemented by a metric screw as an accessory.

Technical details
• Connector type Connector 1: ST-Duplex
• Connector type Connector 2: ST-Duplex
• Category: OS2

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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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Adapter ST Duplex OS2 metal housing

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

Technical properties	
Accessories	Metric Bold
Colour Dust Cover	Yellow
Conform to Standard	IEC61754-2
Construction type	SC-Duplex
Dust cover	True
Height	9.4 mm
Internal Shutter	False
Length	30.5 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	ST-Duplex
Type of connector connection 2	ST-Duplex
Type of fastening	screw/lock
Type of housing	With flange
Type of locking	Screw lock
Width	34.7 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Model	Suitable for type of fibre
53313.34	Adapter ST Duplex OS2 metal housing	OS2	metal	< 0,2 dB	ST	Single mode

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Adapter ST 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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