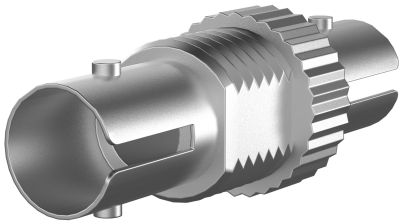
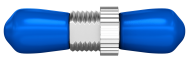
DATASHEET

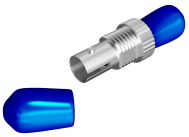
Adapter ST Simplex OS2 metal housing











General data

EFB-Elektronik's precision-engineered fibre optic coupling connects ST connectors in single-mode OS2 applications. The flangeless metal housing with ceramic sleeve is designed for reliable use in network, telecommunications, and FTTH installations.

- ST connectors on both sides – Enable precise connection of compatible fibre links in single-mode installations.
- Designed for OS2 single-mode – Supports low-attenuation applications and long-range transmission technology.
- Metal housing with 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 connection is required. The ST version supports safe signal routing in simplex operation. The bayonet lock and fastening by screw enable reliable integration into matching front panels and housings. The blue dust cap facilitates visual assignment in the installation environment.

Technical details
- Connector type Connector 1: ST
- Connector type Connector 2: ST
- Category: OS2
- Suitable for fibre type: Single-mode
- Design: SC-Simplex
- Colour: Metal

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- Sleeve material: ceramic
- Case material: Metal
- Housing design: flangeless
- Locking type: Bayonet Locking
- Mounting type: Screw
- Dust cover colour: blue
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Metric screw

Technical properties	
Accessories	Metric Bold
Colour Dust Cover	Blue
Conform to Standard	IEC61754-2
Construction type	SC-Simplex
Dust cover	true
Height	11.2 mm
Internal Shutter	False
Length	29.2 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
Type of connector connection 2	ST
Type of fastening	screw/lock
Type of housing	flangeless
Type of locking	Bayonet locking mechanism
Width	11.2 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Model	Suitable for type of fibre
53103.3	Adapter ST Simplex OS2 metal housing	OS2	metall	< 0,2 dB	ST	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

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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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