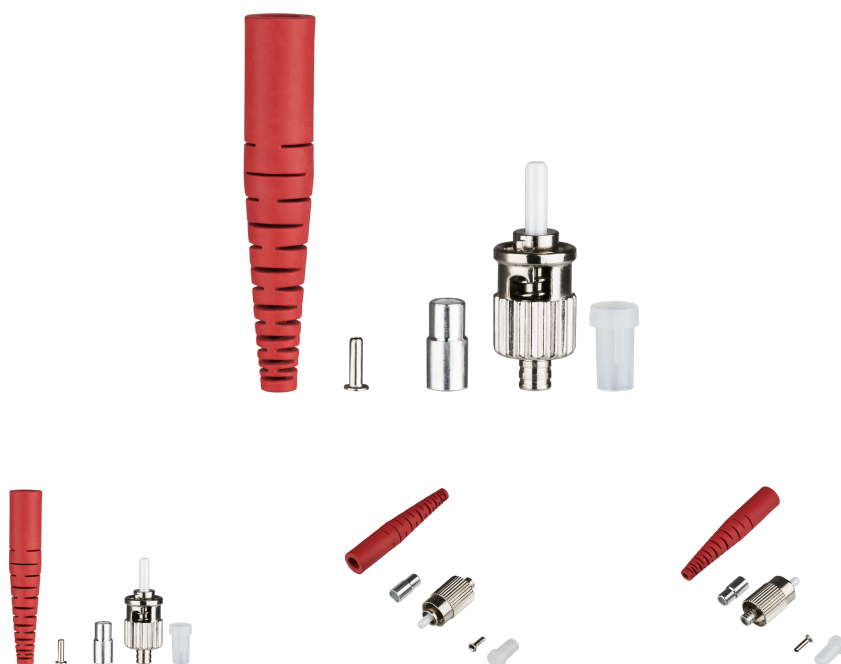


DATASHEET

Connector ST-II SM 3.0mm Connector (Metall) Boot (with-out)



General data

The ST-II fibre optic connector from EFB-Elektronik is designed in metal design and is intended for single-mode applications. The design as a plug with crimp connection supports the production and connection of fibre optic cables with a cable diameter of 3 mm. The connector is therefore suitable for precise and standardised processing in the optical field.

- Suitable for single-mode fibre applications – Supports use in optical links with matching fibre type and is designed for typical single-mode installations.
- ST-II connector type in connector type with crimp connection type – Enables standardised connection of fibre optic cables and supports clean assembly.
- Ferrule with PC and scope of delivery as ST-II connector set – Supports optical coupling and facilitates the complete processing of the connector.

In terms of technical design, the connector is based on a crimp connection type and a ferrule with PC. The metal version is intended for cables with a diameter of 3 mm. The scope of delivery includes 1x ST-II connector set. A strain-relief boot grommet is not included.

Technical details

- Connector type: ST-II

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DATASHEET

Connector ST-II SM 3.0mm Connector (Metall) Boot (with-out)

- Type: Plug
- Connection type: Crimping
- Suitable for fibre type: Single-mode
- Cable Ø: 3 mm
- Ferrule angle: PC
- Brand: EFB-Elektronik
- Colour: metal
- Strain-relief boot: no
- Scope of delivery: 1x ST-II plug set

Technical properties

Connection type	Crimping
Durability	< 0.2db at 500 connection cycles
Inner diameter of the ferrule	125 µm
Material of ferrule	Circonia
Model	Plug
Operating temperature	-40 – 75 °C
Packaging	Polybag
Scope of delivery	1x ST-II Connector Kit
Storage Temperature	-40 – 75 °C
Type of connector	ST-II

Available variants

ArtNr.	Bezeichnung	Anti-kink sleeve	Cable Ø	Colour	Suitable for type of fibre	Ferrule angle	Ferrule outer diameter	Typ. insertion Loss	Max. insertion Loss	Ferrule inner diameter	Return Loss
53210.3	Connector ST-II SM 3.0mm Connector (Metall) Boot (without)	no boot	3.0 mm	metall	Single mode	0° UPC	2.5 mm	≤0.20 dB	≤0.30 dB	125 µm	≥50 dB

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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