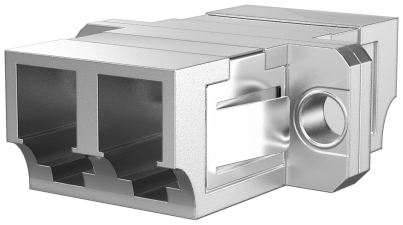
DATASHEET

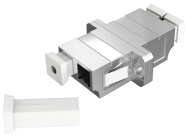
Adapter LC Duplex OS2 metal housing











General data

The LC duplex coupling from EFB-Elektronik is designed for single-mode applications of the OS2 category and connects LC duplex connectors in a robust metal design. The housing with flange, ceramic sleeve and dust cap is designed for reliable use in network, telecommunications and FTTH installations.

• LC duplex connectors on both sides – Enable precise connection of compatible fibre links in single-mode installations.
• OS2 single-mode design – Supports low-attenuation, long-range applications in fibre optic transmission.
• Metal housing with flange, ceramic sleeve and white dust cap – Ensures a stable, installation-ready design and facilitates visual identification.

The coupling is designed for applications where a stable and precise plug connection is required. The LC duplex design supports dual signal routing. The locking mechanism and fastening by screw or snap-in enable secure integration into matching front panels and housings. The metal housing with flange and the ceramic sleeve increase practical suitability in the installation environment. The design is specified as SC-Simplex.

Technical details
• Connector type Connector 1: LC Duplex
• Connector type Connector 2: LC Duplex
• Category: OS2
• Suitable for fibre type: Single-mode

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- Finish: LC
- Design: SC-Simplex
- Colour: Metal
- Sleeve material: ceramic
- Case material: Metal
- Housing design: Flanged
- Locking type: Latching Lock
- Mounting type: Screw, Snap-in
- Colour dust cover: white
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Metric screw

Technical properties	
Accessories	Metric Bold
Colour Dust Cover	White
Conform to Standard	IEC61754-20
Construction type	SC-Simplex
Dust cover	True
Height	9.3 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	LC-Duplex
Type of connector connection 2	LC-Duplex
Type of fastening	Screw/snap in
Type of housing	With flange
Type of locking	Latching mechanism
Width	22.0 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Model	Suitable for type of fibre
53343.1	Adapter LC Duplex OS2 metal housing	OS2	metal	< 0,2 dB	LC	Single mode

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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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