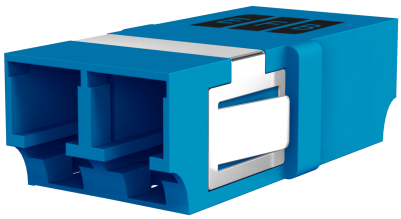
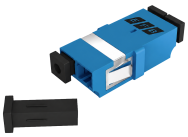
DATASHEET

Adapter LC Duplex OS2 blue flangeless











General data

The precision-engineered LC Duplex Coupling from EFB-Elektronik connects LC Duplex connectors on both sides and is designed for single-mode applications in the OS2 category. The blue plastic housing with ceramic sleeve and dust cap is designed for reliable use in fibre optic installations with flangeless design.

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

The LC duplex design supports dual signal routing, making it suitable for applications where a stable and precise plug-in connection is required. Snap-in fastening makes it easy to integrate into matching front panels and housings. The flangeless plastic housing and ceramic sleeve are designed for use in network, telecommunications and FTTH installations.

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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Adapter LC Duplex OS2 blue flangeless

- Design: SC-Simplex
- Colour: blue
- Sleeve material: ceramic
- Housing material: plastic
- Housing design: flangeless
- Mounting type: Snap-in
- Dust cap: Yes

Technical properties	
Conform to Standard	IEC61754-20
Construction type	SC-Simplex
Dust cover	True
Height	9.3 mm
Internal Shutter	False
Length	24 mm
Material housing	Plastic
Material sleeve	Ceramics
Operating temperature	-40 – 85 °C
Storage Temperature	-40 – 85 °C
Type of connector connection 1	LC-Duplex
Type of connector connection 2	LC-Duplex
Type of fastening	Engage (snap)
Type of housing	flangeless
Width	14.7 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Model	Suitable for type of fibre
53515.1	Adapter LC Duplex OS2 blue flangeless	OS2	blue	≤0,15 dB	LC	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 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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