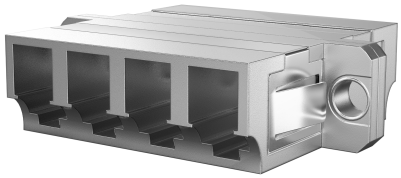
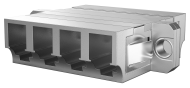
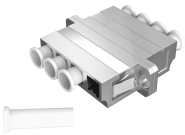
DATASHEET

Adapter LC Quad OS2 metal housing











General data

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

• LC Quad 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 applications in demanding transmission environments.
• Metal housing with flange, ceramic sleeve and white dust cap – Ensures a robust, practical design in the installation environment.

The LC-Quad version is designed for stable and precise plug-in connections. The locking mechanism and fastening by screw or snap-in support secure integration into matching front panels and housings. The metal housing with flange increases mechanical load-bearing capacity, while the ceramic sleeve supports precise guidance of the contacts. The white dust cap complements the practical design in the installation environment.

Technical details
• Finish: LC
• Connector type Connector 1: LC-Quad
• Connector type Connector 2: LC-Quad
• Category: OS2

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- Suitable for fibre type: Single-mode
- Design: SC duplex
- Colour: Metal
- Sleeve material: ceramic
- Case material: Metal
- Housing design: Flanged
- Locking type: Latching Lock
- Mounting type: Screw/Snap
- 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-Duplex
Dust cover	true
Height	9.3 mm
Internal Shutter	False
Length	29.4 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-quad
Type of connector connection 2	LC-quad
Type of fastening	Screw/snap in
Type of housing	With flange
Type of locking	Latching mechanism
Width	34.8 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Model	Suitable for type of fibre
53353.1	Adapter LC Quad OS2 metal housing	OS2	metall	< 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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