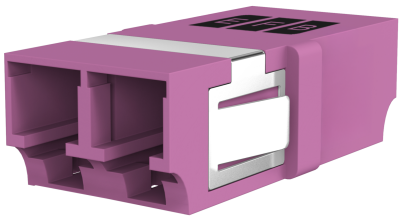
DATASHEET

Adapter LC Duplex OM4 erica violet flangeless











General data

The precisely manufactured LC duplex coupling from EFB-Elektronik connects fibre optic cables with LC duplex connectors and is designed for multimode applications in the OM4 category. The plastic housing with ceramic sleeve is designed for reliable use in network, telecommunications and FTTH installations. The erika-violet design facilitates optical assignment in the installation environment.

• LC duplex connectors on both sides – Enable precise connection of compatible fibre links in multimode installations.
• Designed for OM4 multimode – Supports applications with high-bandwidth and short-to-medium-range transmission technology.
• Plastic housing without flange 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 LC duplex design supports dual signal routing. The locking mechanism and snap-in fastening enable secure integration into matching front panels and housings. The flangeless housing and dust cap increase practicality in the installation environment. The erika-violet version with white dust protection paint facilitates visual assignment.

Technical details
• Connector Terminals: LC Duplex
• Category: OM4
• Suitable for fibre type: Multimode

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Adapter LC Duplex OM4 erica violet flangeless

- Design: SC-Simplex
- Colour: heather-violet
- Sleeve material: ceramic
- Housing material: plastic
- Housing design: flangeless
- Locking type: Latching Lock
- Mounting type: Snap-in
- Colour dust cover: white
- Dust cap: Yes
- Connector type Connector 1: LC Duplex
- Connector type Connector 2: LC Duplex

Technical properties	
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	Plastic
Material sleeve	Ceramics
Operating temperature	-40 – 75 °C
Packaging	Polybag
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
Type of locking	Latching mechanism
Width	15.2 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 850nm	Model	Suitable for type of fibre
53517.1	Adapter LC Duplex OM4 erica violet flangeless	OM4	erica-violet	< 0,2 dB	LC	Multi 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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