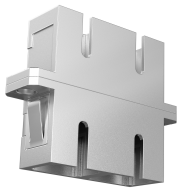
DATASHEET

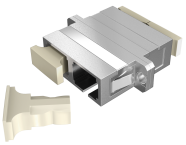
Adapter SC Duplex OM1-5 metal housing











General data

EFB-Elektronik's precision-engineered SC duplex coupling connects fibre optic cables to SC duplex connectors and is designed for multimode applications in the OM1 to OM5 categories. The metal housing with ceramic sleeve is designed for reliable use in network and telecommunications installations.

• SC duplex connectors on both sides – Enable precise connection of compatible fibre links in multimode installations.
• Designed for OM1 to OM5 multimode – Supports applications with fibre optic technology tailored to different transmission requirements and ranges.
• Flanged metal housing, ceramic sleeve and dust cap – Provides a rugged, installation-ready design with high mechanical stability.

The SC duplex design supports dual signal routing and is suitable for applications where a stable and precise plug connection is required. The locking mechanism and fastening by screw enable secure integration into matching front panels and housings. The flanged housing increases practicality in the installation environment. The beige design facilitates visual assignment.

Technical details
• Connector type Connector 1: SC Duplex
• Connector type Connector 2: SC Duplex
• Category: OM1-5
• Suitable for fibre type: Multimode

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Adapter SC Duplex OM1-5 metal housing

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

Technical properties	
Accessories	Metric Bold
Colour Dust Cover	Beige
Conform to Standard	IEC61754-4
Construction type	SC-Duplex
Dust cover	True
Height	9.4 mm
Internal Shutter	False
Length	27.5 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	SC-Duplex
Type of connector connection 2	SC-Duplex
Type of fastening	screw/lock
Type of housing	With flange
Type of locking	Latching mechanism
Width	35.0 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 850nm	Model	Suitable for type of fibre
53312.34	Adapter SC Duplex OM1-5 metal housing	OM1-5	metal	< 0,2 dB	SC	Multi mode

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Adapter SC Duplex OM1-5 metal housing

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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