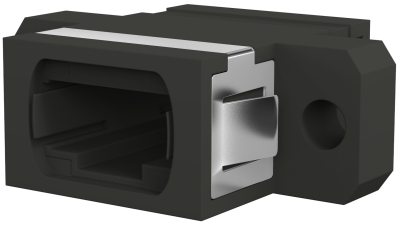
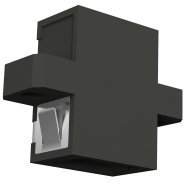
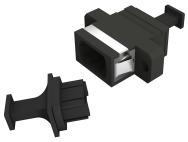
DATASHEET

MTP/MPO adapter with flange, codable up/up or up/down







General data

EFB-Elektronik's precision-engineered codeable MTP/MPO coupling connects fibre optic cables to MTP/MPO connectors and is designed for OM4 category multimode applications. The black plastic housing with plastic sleeve is designed for reliable use in installation environments.

• MTP/MPO connectors on both sides – Enable precise connection of compatible multimode links in OM4 installations.
• Designed for OM4 multimode – Supports structured fibre cabling with transmission technology tailored to this category.
• Black plastic housing with flange and black dust cap – Facilitates visual assignment and ensures practical design in the assembly environment.

The coupling is designed for applications where a stable and precise plug-in connection is required. The MTP/MPO version supports the safe guidance of both plug-in sides. The locking mechanism and fastening by screw or snap-in enable installation in matching front panels and housings. The plastic housing with flange and the dust cap increase practicality. The black version supports a clear visual assignment.

Technical details
• Connector type Connector 1: MTP/MPO
• Connector type Connector 2: MTP/MPO
• Type: MTP/MPO
• Design: MPO

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

MTP/MPO adapter with flange, codable up/up or up/down

- Category: OM4
- Suitable for fibre type: Multimode
- Colour: black
- Sleeve material: plastic
- Housing material: plastic
- Housing design: Flanged
- Locking type: Latching Lock
- Mounting type: Screw, Snap-in
- Colour dust cover: black
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Self-tapping screw

Technical properties	
Accessories	Self-Tapping Screw
Colour Dust Cover	Black
Conform to Standard	IEC61754-7
Construction type	MPO
Dust cover	Yes
Height	9.8 mm
Internal Shutter	False
Length	20.6 mm
Material housing	Plastic
Material sleeve	Plastic
Operating temperature	-20 - 75 °C
Packaging	Polybag
Scope of deliveryLieferumfang	1 coupling, 2 screws
Storage Temperature	-40 – 85 °C
Type of connector connection 1	MTP/MPO
Type of connector connection 2	MTP/MPO
Type of fastening	Screw/snap in
Type of housing	With flange
Type of locking	Latching mechanism
Width	25.0 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Insertion loss 850nm	Model	Suitable for type of fibre

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DATASHEET

MTP/MPO adapter with flange, codable up/up or up/down

53458.1V2	MTP/MPO adapter with flange, codable up/up or up/down	OM4	Black	< 0,2 dB	< 0,2 dB	MTP/MPO	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 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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