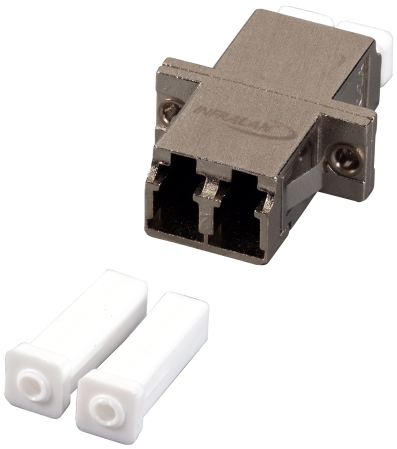
DATASHEET

INFRALAN® adapter LC Duplex OS2 metal housing



General data

The INFRALAN LC Duplex Connector in Metal Housing connects fibre optic cables to LC duplex connectors and is designed for single-mode applications in the OS2 category. The metal housing with ceramic sleeve is designed for reliable use in network, telecommunications and FTTH installations.

• 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 applications with long-range transmission technology.
• Metal housing with flange, ceramic sleeve and dust cap – Ensures a practical design with cleanly protected plug-in surfaces in the installation environment.

The coupling is designed for applications where a stable and precise mating connection between LC duplex connectors is required. The LC duplex design supports dual signal routing. The latch lock and screw or snap-in fastening enable secure integration into matching front panels and housings. The flanged housing and dust cap increase practicality in the installation environment. The metal design and white dust cover colour facilitate visual identification.

Technical details
• Connector type Connector 1: LC Duplex
• Connector type Connector 2: LC Duplex
• Category: OS2
• Suitable for fibre type: Single-mode
• Design: SC-Simplex
• Colour: Metal
• Sleeve material: ceramic
• Case material: Metal
• Housing design: Flanged
• Locking type: Latching Lock
• Mounting type: Screw, Snap-in

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- 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-Simplex
Dust cover	True
Height	9.3 mm
Internal Shutter	False
Length	29.2 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-Duplex
Type of connector connection 2	LC-Duplex
Type of fastening	Screw/snap in
Type of housing	With flange
Type of locking	Latching mechanism
Width	22.0 mm

Available variants

ArtNr.	Bezeichnung	Category	Colour	Insertion loss 1310nm	Model	Suitable for type of fibre
IKL-LCDU-M-SI	INFRALAN® adapter LC Duplex OS2 metal housing	OS2	metal	< 0,2 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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