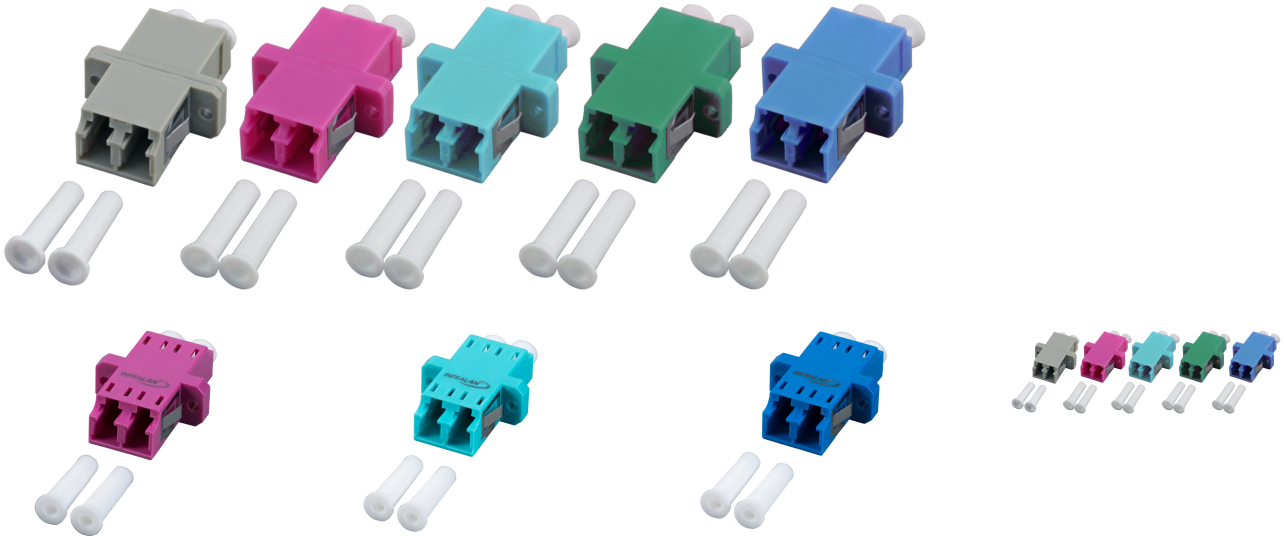
DATASHEET

INFRALAN® adapter LC/APC Duplex OS2 green



General data

The precision-engineered INFRALAN LC/APC coupling in plastic housing connects LC duplex connectors and is designed for single-mode applications in the OS2 category. The green housing with flange, ceramic sleeve and white dust cap is designed for a stable and precise plug-in connection.

• LC Duplex Connectors on Both Sides – Enables precise connection of compatible single-mode routes based on OS2.
• LC/APC version for single-mode OS2 – Supports low-attenuation, long-range fibre transmission.
• Green plastic housing with flange, ceramic sleeve and dust cap – Provides a robust design with clear visual identification.

The LC duplex version supports double signal routing via single-mode fibres. The locking mechanism and fastening by screw or snap-in enable secure installation. The design is specified as SC-Simplex. Together with the ceramic sleeve and the dust cap, a practical coupling with precise guidance and easy-to-handle integration is created.

Technical details
• Brand: INFRALAN
• Design: LC/APC
• Connector type Connector 1: LC Duplex
• Connector type Connector 2: LC Duplex
• Category: OS2
• Suitable for fibre type: Single-mode
• Design: SC-Simplex
• Colour: green
• Sleeve material: ceramic
• Housing material: plastic
• Housing type: Flanged

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- Locking type: Latching Lock
- Mounting type: Screw/Snap
- Colour dust cover: white
- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Self-tapping screw

Technical properties

Accessories	Self-Tapping Screw
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
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-LCDA-SM-K-GN	INFRALAN® adapter LC/APC Duplex OS2 green	OS2	Green	< 0,2 dB	LC/APC	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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