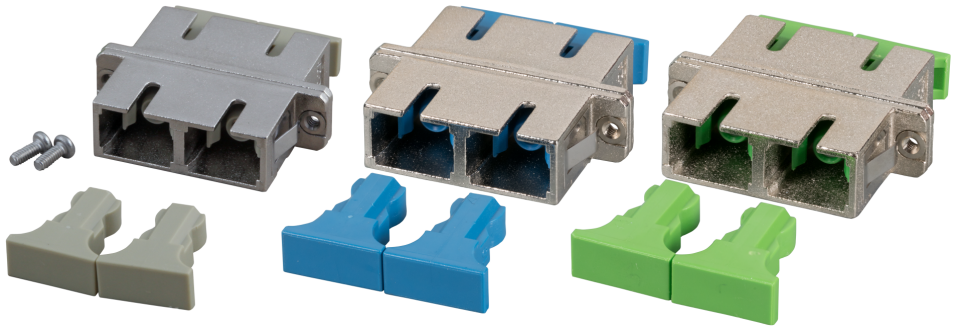
DATASHEET

INFRALAN® adapter SC Duplex OS2 metal housing



General data

The precision-engineered INFRALAN SC adapter in metal housing connects SC duplex fibre links to SC 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.

• SC duplex connectors on both sides – Enable precise connection of compatible fibre links in single-mode installations.
• Designed for OS2 single-mode – Supports low-attenuation, long-range optical transmission applications.
• Metal housing with flange, ceramic sleeve and blue dust cap – Ensures a robust, practical design and facilitates visual assignment in the installation environment.

The SC duplex version supports double signal routing. The locking lock and fastening by screw enable secure integration into matching front panels and housings. The metal housing with flange increases mechanical stability. The ceramic sleeve is designed for precise alignment of the fibres. The blue dust cap complements the practical design in the installation environment.

Technical details
• Finish: SC
• Design: SC duplex
• Connector type Connector 1: SC Duplex
• Connector type Connector 2: SC Duplex
• Category: OS2
• Suitable for fibre type: Single-mode
• Sleeve material: ceramic
• Case material: Metal
• Housing design: Flanged
• Locking type: Latching Lock
• Mounting type: Screw
• Colour: Metal
• Dust cover colour: blue
• Dust cap: Yes
• Scope of delivery: 1 coupling, 2 screws
• Accessories: Metric screw

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DATASHEET

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Technical properties	
Accessories	Metric Bold
Colour Dust Cover	Blue
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 1310nm	Model	Suitable for type of fibre
IKL-SCDU-M-SI	INFRALAN® adapter SC Duplex OS2 metal housing	OS2	metall	< 0,2 dB	SC	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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