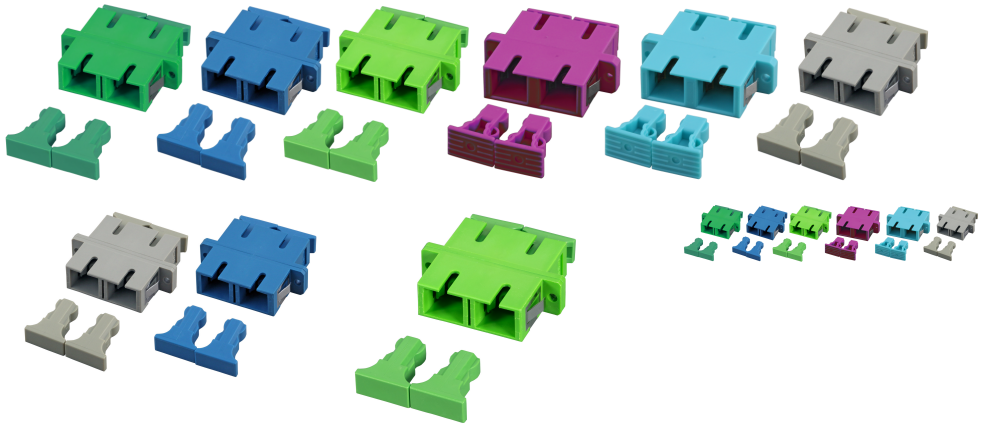
DATASHEET

INFRALAN® adapter SC Duplex OM3 aqua



General data

The precision-engineered INFRALAN SC connector in a plastic housing connects SC duplex fibre optic links and is designed for multimode applications in the OM3 category. The aqua-coloured 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 OM3 multimode – Supports transmission links tailored to this category and its requirements.
• Plastic housing with flange, ceramic sleeve and dust cap – Ensures a robust, practical design and facilitates integration by screw or snap-in.

The coupling is designed for applications where a stable and precise plug connection is required. The SC duplex version supports double signal routing. The locking mechanism and fastening by screw or snap-in enable safe integration. The plastic housing with flange and the dust cap increase the practicality in the installation environment. The aqua version and the aqua dust protection paint facilitate visual identification. The scope of delivery includes 1 coupling and 2 screws. A self-tapping screw is provided as an accessory.

Technical details
• Finish: SC
• Connector type Connector 1: SC Duplex
• Connector type Connector 2: SC Duplex
• Design: SC duplex
• Category: OM3
• Suitable for fibre type: Multimode
• Colour: aqua
• Colour dust protection: aqua
• Sleeve material: ceramic
• Housing material: plastic
• Housing design: Flanged
• Locking type: Latching Lock
• Mounting type: Screw, Snap-in

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- Dust cap: Yes
- Scope of delivery: 1 coupling, 2 screws
- Accessories: Self-tapping screw

Technical properties	
Accessories	Self-Tapping Screw
Colour Dust Cover	Aqua
Conform to Standard	IEC61754-4
Construction type	SC-Duplex
Dust cover	True
Height	9.3 mm
Internal Shutter	False
Length	27.5 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	SC-Duplex
Type of connector connection 2	SC-Duplex
Type of fastening	Screw/snap in
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
IKL-SCDU-MM-K-AQ	INFRALAN® adapter SC Duplex OM3 aqua	OM3	aqua	< 0,2 dB	SC	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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