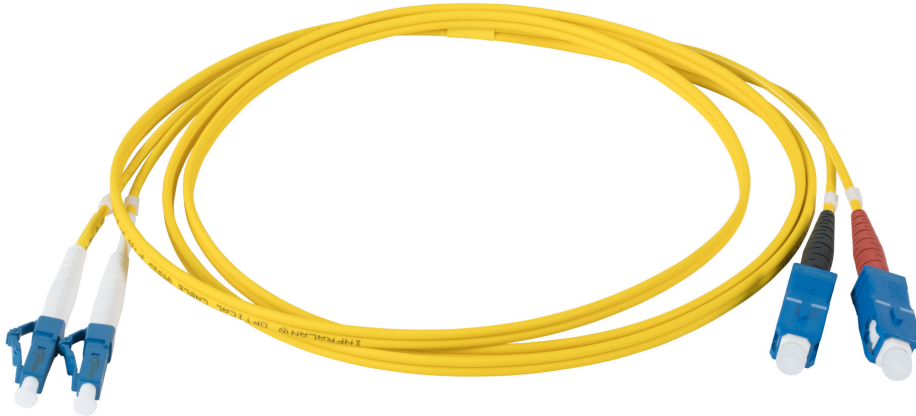


DATASHEET

INFRALAN® Duplex Patchcable LC-SC OS2 G652D 0,5m LSZH 2mm yellow



General data

The INFRALAN® LC-SC fiber optic patch cables consist of defined components that are conform to structured cabling according to ISO/IEC 11801 and EN50173-x. The connectors used comply with IEC 61754-20 and IEC 61754-4 and meet the quality class B/2 according to IEC 61753-1 for the singlemode version and the quality class A/1 according to IEC 61753-122-2 for the multimode versions. The assembled patch cable has a halogen-free and flame-retardant sheath that complies with IEC 60754-2, IEC 60332-1 and IEC 61034 standards.

Application:

- Connecting active components
- Connecting passive components
- Connection of active connection elements
- Industrial cable connections
- subscriber connections

Delivery:

The INFRALAN® LC-SC fiber optic patch cable is packed in a polybag containing a measurement report and clips for coding. Furthermore, the fiber is marked on the outer sheath with the INFRALAN® logo.

Technical properties

Anti-kink sleeve	put-on
Bend optimized fiber	no
Cable structure	Duplex
Cable type	I-V(ZN) H
Cable Ø	2 mm
Category	OS2 G652D
Colour outer sheath	yellow
Fibre type	Single mode 9/125

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Flame retardant	acc. to IEC 60332-1-2
Halogen free	acc. to IEC 62821
Insertion loss 1310nm	≤0,15 dB
Low smoke	acc. to IEC 61034
Material outer sheath	LSZH
Min. Bending radius (Dynamic)	>20xOD mm
Min. Bending radius (Static)	>10xOD mm
Number of fibres	2
Operating Temperature	-20 – 60 °C
Packaging	EFB-Electronics poly bag (resealable)
Reinforcement	Aramid
Return loss 1550nm	≥45 dB
Return loss 1310nm	≥45 dB
Scope of delivery	1x Patchcable, 2x Duplex Clip, 1x Measurement Report, 1x Information Sheet
Storage Temperature	-20 – 70 °C
Type of connector connection 1	LC
Type of connector connection 2	SC

Available variants

ArtNr.	Bezeichnung	Length	Length tolerance
IPL-DR-LCUSCU-2-0050	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 0,5m LSZH 2mm yellow	0.5 m	±5 %
IPL-DR-LCUSCU-2-0100	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 1m LSZH 2mm yellow	1.0 m	±5 %
IPL-DR-LCUSCU-2-0150	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 1,5m LSZH 2mm yellow	1.5 m	±5 %
IPL-DR-LCUSCU-2-0200	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 2m LSZH 2mm yellow	2.0 m	±5 %
IPL-DR-LCUSCU-2-0300	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 3m LSZH 2mm yellow	3.0 m	±5 %
IPL-DR-LCUSCU-2-0500	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 5m LSZH 2mm yellow	5.0 m	±5 %
IPL-DR-LCUSCU-2-0750	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 7,5m LSZH 2mm yellow	7.5 m	±5 %
IPL-DR-LCUSCU-2-1000	INFRALAN® Duplex Patchcable LC-SC OS2 G652D 10m LSZH 2mm yellow	10.0 m	±5 %

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LSZH 2mm yellow

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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