DATASHEET

INFRALAN® Duplex Patchcable LC-SC OM4 5m LSZH 2mm heatherviolet



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	OM4
Colour outer sheath	erica-violet
Fibre type	Multimode 50/125

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Flame retardant	acc. to IEC 60332-1-2
Halogen free	acc. to IEC 62821
Insertion loss 850nm	≤0,25 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)
Reinforcment	Aramid
Return loss 850nm	≥35 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-4-0100	INFRALAN® Duplex Patchcable LC-SC OM4 1m LSZH 2mm heatherviolet	1.0 m	±5 %
IPL-DR-LCUSCU-4-0150	INFRALAN® Duplex Patchcable LC-SC OM4 1,5m LSZH 2mm heatherviolet	1.5 m	±5 %
IPL-DR-LCUSCU-4-0300	INFRALAN® Duplex Patchcable LC-SC OM4 3m LSZH 2mm heatherviolet	3.0 m	±5 %
IPL-DR-LCUSCU-4-0500	INFRALAN® Duplex Patchcable LC-SC OM4 5m LSZH 2mm heatherviolet	5.0 m	±5 %
IPL-DR-LCUSCU-4-0750	INFRALAN® Duplex Patchcable LC-SC OM4 7,5m LSZH 2mm heatherviolet	7.5 m	±5 %
IPL-DR-LCUSCU-4-1000	INFRALAN® Duplex Patchcable LC-SC OM4 10m LSZH 2mm heatherviolet	10.0 m	±5 %

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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