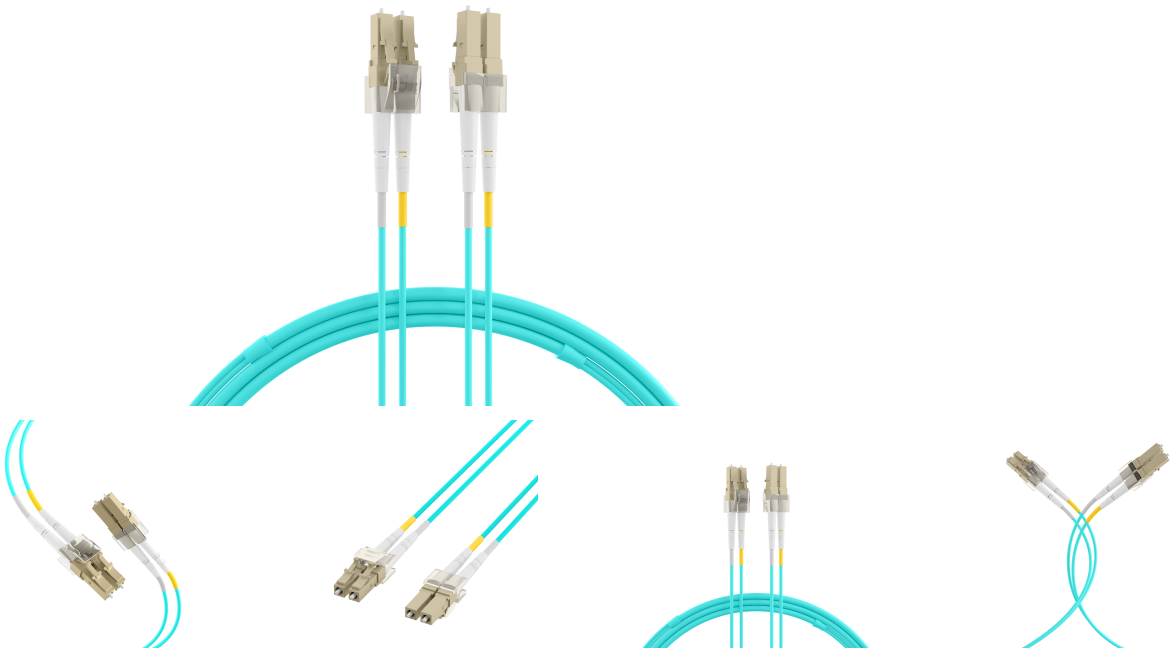
DATASHEET

INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 2m LSZH 3x5mm aqua



General data

The INFRALAN® LC fiber optic Flat Twin Patch Cables consist of defined components that conform to structured cabling according to ISO/IEC 11801 and EN50173-x. The connectors used comply with IEC 61754-20 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. In addition, the INFRALAN® Flat Twin patch cables have an additional outer sheath, which gives these special cables greater stability and can therefore also be used for cabinet-to-cabinet cabling. The whip length is 150mm including the plugs, the material of the cable whips is in the same colour as the sheath material.

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

Delivery:
The INFRALAN® LC Flat Twin Twin fiber optic patch cable is packed in a polybag containing a measurement report and

This datasheet was created automatically on 02-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 2m LSZH 3x5mm aqua

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) HH
Cable Ø	3x5 mm
Category	OM3
Colour outer sheath	aqua
Fibre type	Multi mode 50/125
Flame retardant	acc. to IEC 60332-1-2
Halogen free	acc. to IEC 62821
Insertion loss 850nm	≤0,20 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	-10 – 60 °C
Packaging	EFB-Electronics poly bag (resealable)
Reinforcment	Aramid
Scope of delivery	1x Patchcable, 2x Duplex Clip, 1x Measurement Report, 1x Information Sheet
Storage Temperature	-20 – 60 °C
Type of connector connection 1	LC
Type of connector connection 2	LC

Available variants

ArtNr.	Bezeichnung	Length	Length tolerance
IPL-DF-LCULCU-3-0050	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 0,5m LSZH 3x5mm aqua	0.5 m	±5 %
IPL-DF-LCULCU-3-0100	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 1m LSZH 3x5mm aqua	1.0 m	±5 %
IPL-DF-LCULCU-3-0200	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 2m LSZH 3x5mm aqua	2.0 m	±5 %

This datasheet was created automatically on 02-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 2m LSZH 3x5mm aqua

IPL-DF-LCULCU-3-0300	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 3m LSZH 3x5mm aqua	3.0 m	±5 %
IPL-DF-LCULCU-3-0500	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 5m LSZH 3x5mm aqua	5.0 m	±5 %
IPL-DF-LCULCU-3-1000	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 10m LSZH 3x5mm aqua	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.

This datasheet was created automatically on 02-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION