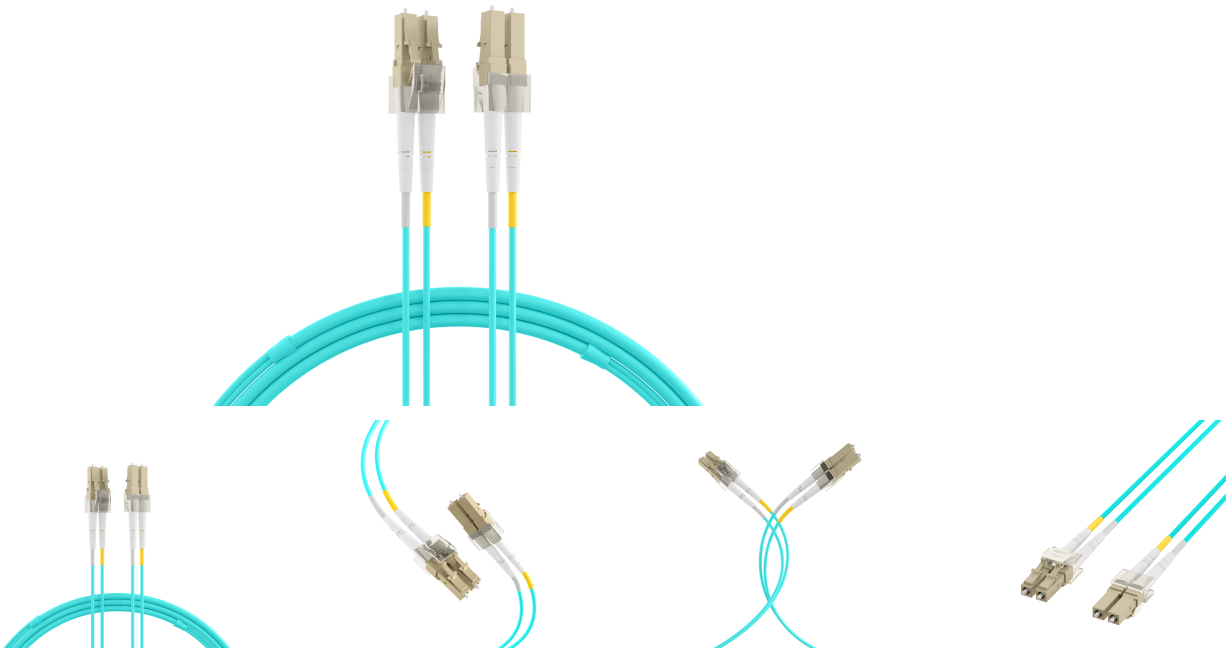
# DATASHEET

## INFRALAN® Duplex Patchcable Flat-Twin LC-LC OM3 0,5m 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 0,5m 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 0,5m 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