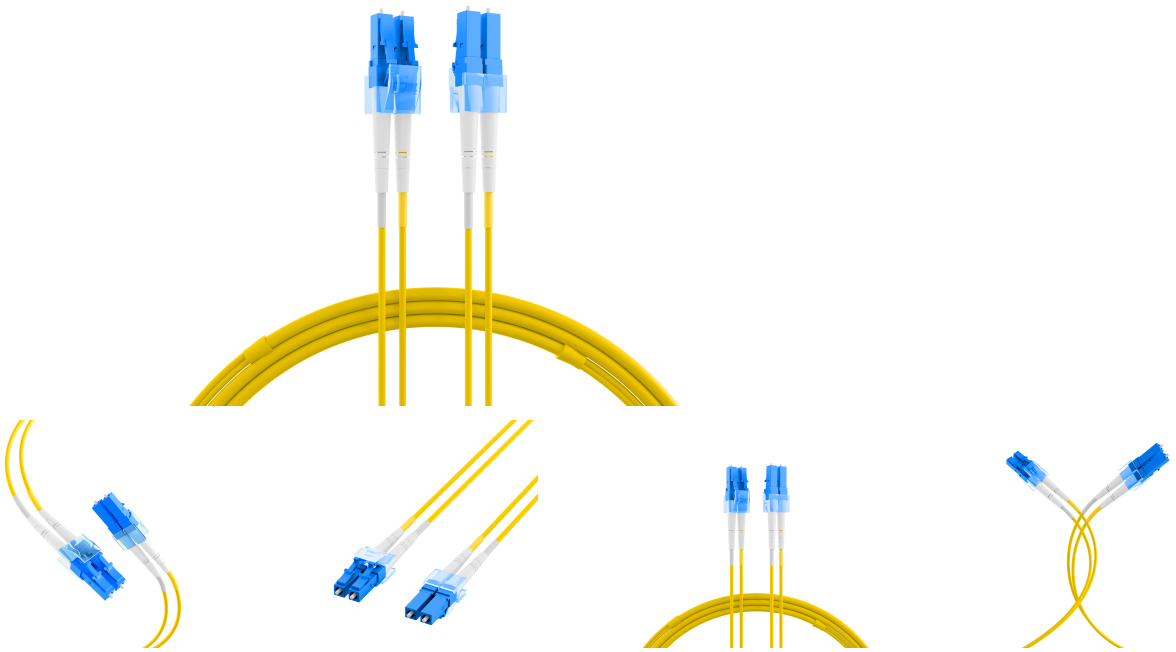
DATASHEET

INFRALAN® Duplex Patchcable Flat-Twin LC-LC OS2 10m LSZH 3x5mm yellow G652D



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 31-10-2026 . 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 OS2 10m LSZH 3x5mm yellow G652D

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	OS2 G652D
Colour outer sheath	yellow
Fibre type	Single mode 9/125
Flame retardant	acc. to IEC 60332-1-2
Halogen free	acc. to IEC 62821
Insertion loss 1310nm	≤0,20 dB
Insertion loss 1550nm	≤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
Return loss 1550nm	≥50 dB
Return loss 1310nm	≥50 dB
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-2-0050	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OS2 0,5m LSZH 3x5mm yellow G652D	0.5 m	±5 %

This datasheet was created automatically on 31-10-2026 . 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 OS2 10m LSZH 3x5mm yellow G652D

IPL-DF-LCULCU-2-0100	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OS2 1m LSZH 3x5mm yellow G652D	1.0 m	±5 %
IPL-DF-LCULCU-2-0200	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OS2 2m LSZH 3x5mm yellow G652D	2.0 m	±5 %
IPL-DF-LCULCU-2-0300	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OS2 3m LSZH 3x5mm yellow G652D	3.0 m	±5 %
IPL-DF-LCULCU-2-0500	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OS2 5m LSZH 3x5mm yellow G652D	5.0 m	±5 %
IPL-DF-LCULCU-2-1000	INFRALAN® Duplex Patchcable Flat-Twin LC-LC OS2 10m LSZH 3x5mm yellow G652D	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.

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