

# DATASHEET

## Duplex Jumper LC-LC 50/125 $\mu$ ,OM3, Flat Twin



### Description

The Flat Twin Duplex Jumper have a higher stability due to the additional added outer jacket and can be installed much easier than standard jumper. Also the jacket material is made of LSZH.

### Characteristics

- Additional outer jacket for higher stability and easier installation
- Halogen free according to IEC-60754-2
- Flame retardant according to IEC-60332-1
- Low smoke according to IEC-61034
- Cable whip length of 150 mm inclusive connector
- Same colour of Cable whip and jacket material
- Compact cable diameter of 3x5 mm
- Simple allocation of the fibers with boots in different colours or A/B markers
- Possibility of coding with clips enclosed to the delivery

### General data

Fibre type	Multimode 50/125
Category	OM3
Bend optimized fiber	OM3 acc. to IEC60793-2-10 type A1a.2 and A1a.3
Number of fibres	2
Anti-kink sleeve	put-on
Type of connector connection 1	LC-Duplex
Connector colour 1	beige
Type of connector connection 2	LC-Duplex
Connector colour 2	beige

### Cable construction

Cable type	I-V(ZN) HH
Cable Construction	Duplex

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### Cable construction

Cable $\emptyset$	3x5 mm
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### Cable sheath

Colour outer sheath	aqua
Jacket Material	LSZH
Flame retardant	according to EN 50265-2-1

### Environmental conditions

Operating Temperature	-40 – 70 °C
Storage Temperature	-40 – 85 °C

### Transmission characteristics

Insertion loss 850nm	<0,2 dB
Quality class multimode	A/1 according to IEC -61753-222-2

### Standards, approvals, certifications

Cabling standard	ISO/IEC 11801;EN-50173-1
Connector Conform to Standard	IEC 61754-20
Cable Conform to Standard	IEC 60793-2

### Available variants

Article no.	Title	Length
O0312FT.0,5	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 0.5m	0.5 m
O0312FT.1	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 1m	1.0 m
O0312FT.2	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 2m	2.0 m
O0312FT.3	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 3m	3.0 m
O0312FT.5	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 5m	5.0 m
O0312FT.7,5	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 7.5m	7.5 m
O0312FT.10	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 10m	10.0 m
O0312FT.15	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 15m	15.0 m
O0312FT.20	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 20m	20.0 m
O0312FT.25	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 25m	25.0 m
O0312FT.30	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 30m	30.0 m
O0312FT.35	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 35m	35.0 m
O0312FT.40	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 40m	40.0 m
O0312FT.45	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 45m	45.0 m
O0312FT.50	Duplex Jumper LC-LC 50/125 $\mu$ , OM3, LSZH, aqua, Flat Twin 3x5mm, 50m	50.0 m

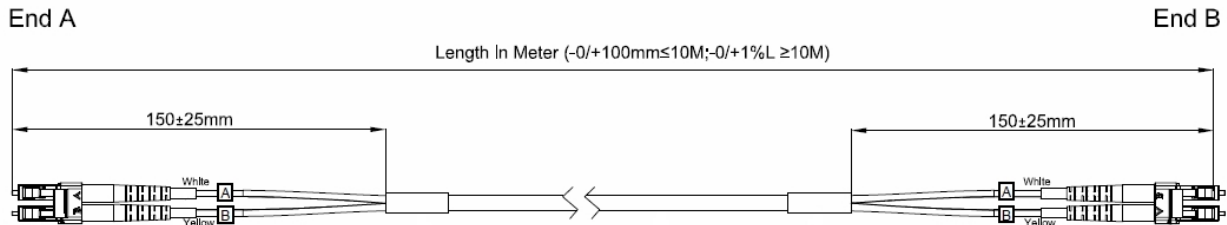
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### Technical drawings



OM-Klassifikation ISO/IEC 11801		OM1	OM2	OM3	OM4	OM5
Min. modale Bandbreite mit vollständiger Anregung aller Kernmoden [MHz*km]	850 nm	200	500	1500	3500	4700
	1300 nm	500	500	500	500	2470
Min. modale Bandbreite (effektive) Laser-Bandbreite [MHz*km]	850 nm	n/s	n/s	2000	4700	n/s
Dämpfung [dB/km]	1300 nm	1.5	1.5	1.5	1.5	1,5
	850 nm	3.5	3.5	3.5	3.5	3,5

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