

# DATASHEET

## Duplex Jumper LC-LC 50/125 $\mu$ , OM4, 1.2mm



### Description

The 1.2 mm Duplex Jumper are characterized due to the small outer diameter. This is an advantage for the installers when they have limited space for cable management. The small outer diameter is also useful in projects with high density areas.

### Characteristics

- Space-saving installation due to the small outer diameter
- Halogen free according to IEC-60754-2
- Flame retardant according to IEC-60332-1
- Low smoke according to IEC-61034
- Connector in colour of category (aqua, erica-violet or blue)
- LC connector in Compact design
- EFB fiber connectors meet the quality classes
- Grade B/2 according to IEC-61753-1 for Singlemode
- Grade A/1 according to IEC-61753-122-2 (Draft) for Multimode
- pre-coded
- 100% tested and with individuell measuring protocol

### General data

Fibre type	Multimode 50/125
Category	OM4
Bend optimized fiber	OM4 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	erica-violet
Type of connector connection 2	LC-Duplex
Connector colour 2	erica-violet

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### Mechanical characteristics

Min. Bending radius (Static)	10xOD
Min. Bending radius (Dynamic)	20xOD

### Cable construction

Cable type	I-V(ZN) H
Cable Construction	Duplex
Cable $\emptyset$	1.2 mm

### Cable sheath

Colour outer sheath	erica-violet
Jacket Material	LSZH
Flame retardant	According to EN 50265-2-1
Halogen free	acc. IEC60754-1

### Environmental conditions

Operating Temperature	-20 – 75 °C
Storage Temperature	-20 – 85 °C

### Transmission characteristics

Insertion loss 850nm	<0,25 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
O0319.0,5-1.2	Duplex Jumper LC-LC 50/125 $\mu$ , OM4, LSZH, erica violet, 1.2mm, 0.5m	0.5 m
O0319.1-1.2	Duplex Jumper LC-LC 50/125 $\mu$ , OM4, LSZH, erica violet, 1.2mm, 1m	1.0 m
O0319.2-1.2	Duplex Jumper LC-LC 50/125 $\mu$ , OM4, LSZH, erica violet, 1.2mm, 2m	2.0 m
O0319.3-1.2	Duplex Jumper LC-LC 50/125 $\mu$ , OM4, LSZH, erica violet, 1.2mm, 3m	3.0 m
O0319.5-1.2	Duplex Jumper LC-LC 50/125 $\mu$ , OM4, LSZH, erica violet, 1.2mm, 5m	5.0 m
O0319.10-1.2	Duplex Jumper LC-LC 50/125 $\mu$ , OM4, LSZH, erica violet, 1.2mm, 10m	10.0 m

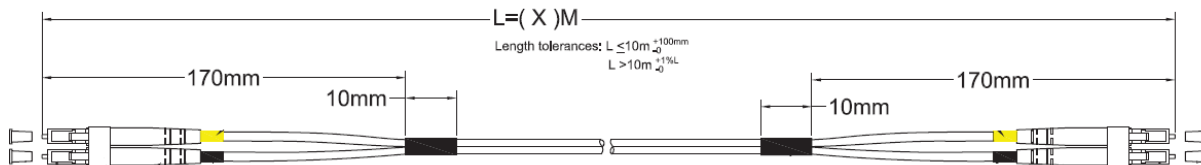
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### Technical drawings



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
	1300 nm	1.5	1.5	1.5	1.5	1,5
Dämpfung [dB/km]	850 nm	3.5	3.5	3.5	3.5	3,5
	1300 nm					

### accessory

39962.2	Reel Cleaner(new Version)
39926.1	Miller® Fiber Cleaning Tapes

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