DATASHEET

Duplex Jumper LC-LC 50/125µ, OM5

Description

Fiber jumper are well defined components in international standard of structured cabling ISO/IEC11801.
Due to many different network protocols created in the last 25 years , also a wide range of connectors had been developed. Some of them are still important today: LC, SC, E2000®, MPO/MTP.

Fiber jumper(patchcord) are defined as shortest connection between passive interface and active deviceport, regarding structured cabling standard. Rating of performance, known as category, as well as performance of total transmission channel, known as link class,Similar descriptions for patchcords: Connection cable, drop cable, adapter cable, interconnecting cord, Jumper

General data	
Fibre type	Multimode 50/125
Category	OM5
Bend optimized fiber	OM5 acc. to IEC60793-2-10 type A1a.4
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

Mechanical characteristics	
Max. Tension	160 N
Min. Bending radius (Static)	10xOD
Min. Bending radius (Dynamic)	20xOD

Cable construction	
Cable type	I-V(ZN) H
Cable Construction	Duplex
Cable Ø	2.0 mm

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Cable sheath	
Colour outer sheath	lime green
Jacket Material	LSZH
Flame retardant	According to EN 50265-2-1
Halogen free	acc. IEC60754-1
Low smoke	acc. IEC61034-1

Environmental conditions	
Operating Temperature	-20 – 70 °C
Storage Temperature	-20 – 85 °C

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

Standards, approvals, certifications	
Connector Conform to Standard	IEC 61754-20
Cable Conform to Standard	IEC 60793-2

Available variants

Article no.	Title	Length
O0319.0,5OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 0.5m	0.5 m
O0319.1OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 1m	1.0 m
O0319.2OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 2m	2.0 m
O0319.3OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 3m	3.0 m
O0319.5OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 5m	5.0 m
O0319.7,5OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 7.5m	7.5 m
O0319.10OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 10m	10.0 m
O0319.12OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 12m	12.0 m
O0319.15OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 15m	15.0 m
O0319.18OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 18m	18.0 m
O0319.20OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 20m	20.0 m
O0319.25OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 25m	25.0 m
O0319.30OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 30m	30.0 m
O0319.35OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 35m	35.0 m
O0319.45OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 45m	35.0 m
O0319.50OM5	Duplex Jumper LC-LC 50/125µ, OM5, LSZH, lime green, 2.0mm, 50m	50.0 m

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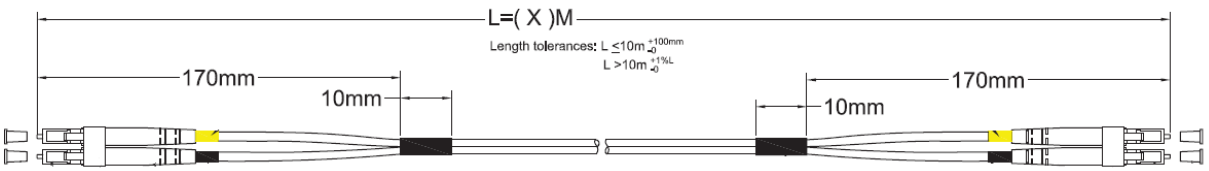
Technical drawings



OM-Classification ISO/IEC 11801		OM1	OM2	OM3	OM4	OM5
Min. modal bandwidth with overfilled launch [MHz*km]	850 nm	200	500	1500	3500	4700
	1300 nm	500	500	500	500	2470
Min. modal bandwidth EMB (effective laser bandwidth) [MHz*km]	850 nm	n/s	n/s	2000	4700	n/s
Attenuation[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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