linkedpro
SUPREME PERFORMANCE CABLES

Multimode Fiber Optic Jumpers

Models: LP-FOM3-LCLC-RXX

Introduction

Fiber Optic Jumpers are used to connect Fiber Optic Active Components like Media Converters and Transceivers to Optical Distribution Frame (ODF).

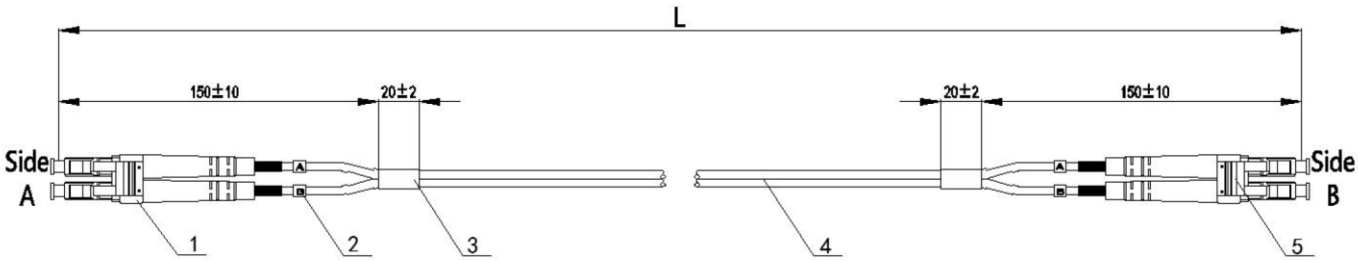

Photo For Reference

No.	Part Name	Description	Quantity
1	Connector A	Duplex LC/UPC	1
2	Marking Ring	“A”、 “B”	4
3	Shrinking sleeve	Black	2
4	Fiber Cable	Duplex, Multi-Mode, OM3 2.0*4.1mm, PVC, Aqua	L
5	Connector B	Duplex LC/UPC	1

Tolerance: 0~10cm@0-10m; 0~1%*L @ L>10m

Description Of Connectors

Item	Performance
Insertion loss	≤0.3dB@850nm&1300nm
Return loss	≥35dB @850nm&1300nm
Durability	≥500 times
Operating temperature	-25°C~+70°C
Reference standard	IEC 61754&YD/T 1272

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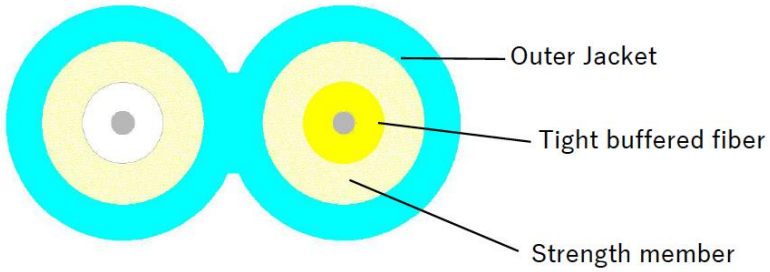

Cable Structure	
Strength member	Aramid Yarn
Fiber type	2 Core OM3
Outer Jacket	
Diameter	2.0*4.1 mm (Tolerance: ±0.1mm)
Material	PVC (OFNR Riser optional)
Thickness	≥0.3mm
External color	Aqua (For OM3)
Tight buffered fiber	
Diameter	900μm±50μm
Structure	Tight buffer
Color	White*1 / Yellow*1

Model	Length
LP-FOM3-LCLC-R01	1 m
LP-FOM3-LCLC-R02	2 m
LP-FOM3-LCLC-R03	3 m
LP-FOM3-LCLC-R05	5 m

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Fiber Attributes (OM3)			
Attribute Detail		**Condition**	**Value**
Core Diameter			50±2.5μm
Core Non-Circularity			≤5.0%
Cladding Diameter			125.0±1.0μm
Cladding Non-Circularity			≤0.6%
Cladding Diameter			245±7μm
Coating/Cladding Concentricity Error			≤10.0μm
Coating Non-Circularity			≤6.0
Core/Cladding Concentricity Error			≤1.0μm
Attenuation		850nm	≤2.4 dB/km
		1300nm	≤0.6 dB/km
			OM3
Overfilled Modal Bandwidth		850nm	≥1500 MHz•km
		1300nm	≥500 MHz•km
Effective Modal Bandwidth		850nm	≥2000 MHz•km
Application support distance on	40GBASE-SR4/100GBASE-SR10	850nm	140m
	10GBASE-SR	850nm	300m
	1000BASE-SR	850nm	1000m
Cable Attributes			
Attenuation Coefficient	Maximum at 850nm		3.0 dB/km
	Maximum at 1550nm		1.0 dB/km
Crush	Short Term		500N/100mm
	Long Term		100N/100mm
Tensile strength	Short Term		150N
		Long Term	90N
Bending radius		Dynamic	20D
		Static	10D
Temperature range		-25°C~+70°C	