



Network Cable Fiber

LinkIT fiber patch OS2 LC/LC 2.5m

Duplex | SM | LSZH | Yellow

Product number: FPD92LULU-025

EI-number: 6956187

Product Description

This OS2 Duplex fiber optic cable is available in various colors and lengths, featuring LC connectors with UPC polishing on both ends. Designed for singlemode applications with a 9/125 μm core diameter, it supports wavelengths of 1310/1550 nm. The cable offers low insertion loss of ≈ 0.3 dB and an optical return loss of ≈ 55 dB. With a 2mm diameter, the cable is jacketed in LSZH material, providing fire-retardant and halogen-free properties in compliance with IEC safety standards. It withstands temperatures from -40° to $+75^{\circ}\text{C}$, has a bending radius of 20mm, and a tensile load capacity of 150N. Certified to CE and RoHS standards.

Main Specifications

Brand	LinkIT
Color	Yellow
Length (m)	2,5
Category	OS2
Connector type 1	LC
Connector type 2	LC
Polishing contact 1	UPC
Polishing contact 2	UPC
Cable type	Duplex
Number of fibers	2
Wave length (nm)	1310/1550nm
Core Diameter (μm)	9/125 Singlemode

Extended Specifications

Jacket material	LSZH
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Anti-kink sleeve	Moulded
Optical Return Loss (dB)	≥55dB
Insertion Loss (dB)	≤0.3 dB
Operating Temperature	-40° ~ +75°C
Storage Temperature	-40° ~ +75°C
Cable Diameter (mm)	2.0
Fire properties	IEC-60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1
Halogenfree	✓
Oil resistant	✗
Fire retardant version	✓
Bending radius (mm)	20mm
Tensile loads (N)	150N
Certifications	CE, RoHS

Single packaging

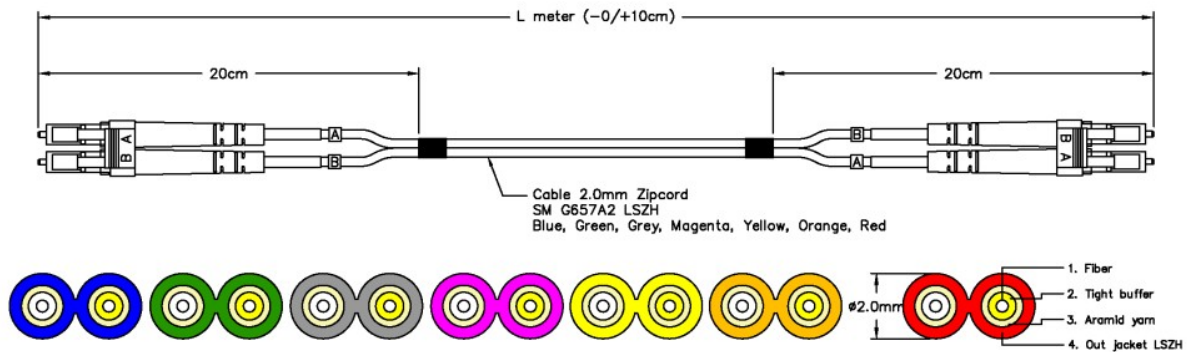
Unit	PCE
Quantity	20
Height (cm)	0,9
Width (cm)	2,2
Length(cm)	1,9
Weight (kg)	0,49
Gross Weight (kg)	0,0007
Volum (dm³)	0,004



Dimensional Sketches



LinkIT FiberPatch SM G657A2 LC/LC Blue, Green, Grey, Magenta, Yellow, Orange, Red



Specifications			
Connector type:	LC-LC	Insertion loss:	$\leq 0.3\text{dB}$
Fiber mode:	SM G657A2	Return loss:	$\geq 55\text{dB}$
Fiber grade:	G.657.A2 and G.652.D	Wave length:	1310/1550nm
Polish type:	UPC	Optimized Data rate:	xx
Cable jacket:	LSZH	Durability:	500 matings
Color:	Blue, Green, Grey, Magenta, Yellow, Orange, Red	Operating/storage temp:	$-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$
Cable diameter:	2mm	Fire properties:	Fire retardant and halogen-free IEC 60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1
Minimum bend radius:	20mm	IEC standards:	All CENELEC standards required
Tensile loads:	150N		

