LinkIT®

Network Cable Fiber

LinkIT fiber patch OS2 LC/LC 2m
Duplex | SM | LSZH | Green

Product number: FPD92LULU-020-GREEN

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°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	Green
Length (m)	2
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 (um)	9/125 - Singlemode

Extended Specifications

Jacket material	LSZH

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Imported and distributed by CBK Distribusjon AS

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
Fire properties	IEC-60332-3-24, IEC 60332-1-2, IEC 61034, IEC 60754-1
Halogenfree	V
Fire retardant version	V
Bending radius (mm)	20mm
Tensile loads (N)	150N
Certifications	CE, RoHS

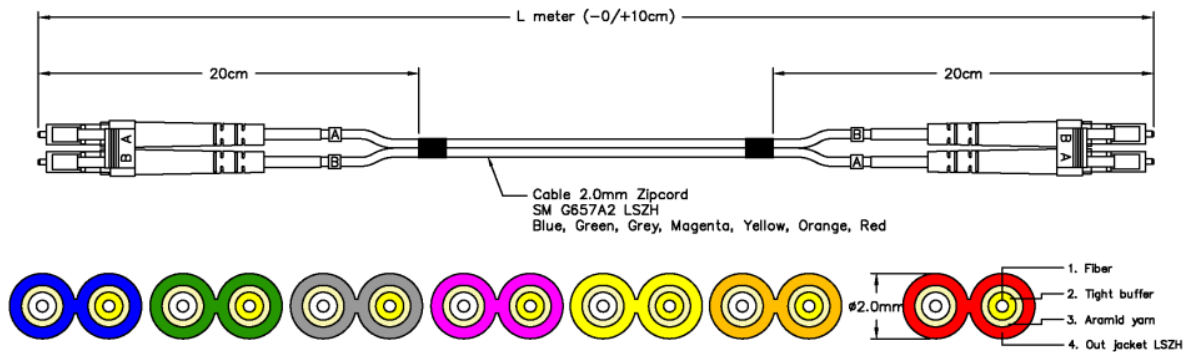## **Single** packaging

Unit	PCE
Quantity	1

Dimensional Sketches

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

L meter (−0/+10cm)

20cm — 20cm

Cable 2.0mm Zipcord
SM G657A2 LSZH
Blue, Green, Grey, Magenta, Yellow, Orange, Red

ø2.0mm

1. Fiber
2. Tight buffer
3. Aramid yarn
4. Out jacket LSZH

Specifications			
Connector type:	LC−LC	Insertion loss:	≤0.3dB
Fiber mode:	SM G657A2	Return loss:	≥55dB
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℃ ~ +75℃
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		
Tensile loads:	150N	IEC standards:	All CENELEC standards requiered