



Network Cable Fiber

LinkIT fiber patch OS2 LC/LC 2m

Duplex | SM | LSZH | Blue

Product number: FPD92LULU-020-BLUE

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 | Blue |
| 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 (μm) | 9/125 Singlemode |

Extended Specifications

| | |
|------------------------|------|
| Jacket material | LSZH |
|------------------------|------|



| | |
|---------------------------------|---|
| 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 | ✓ |
| Fire retardant version | ✓ |
| Bending radius (mm) | 20mm |
| Tensile loads (N) | 150N |
| Certifications | CE, RoHS |

 **Single** packaging

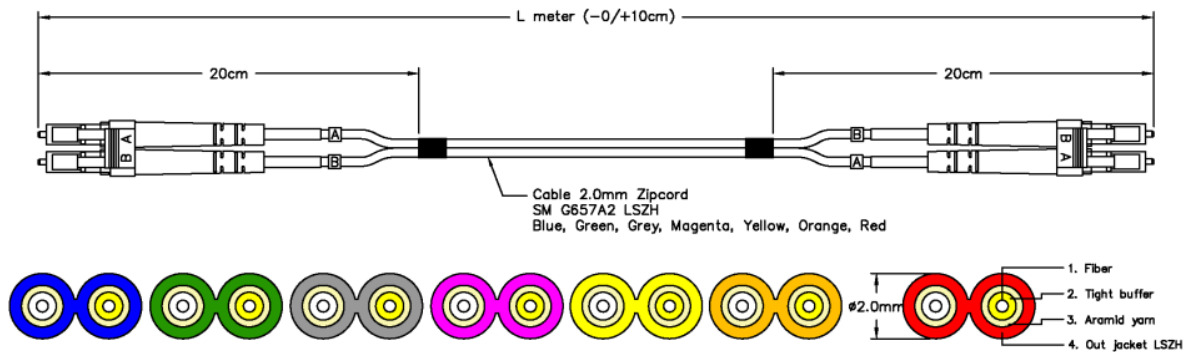
| | |
|--------------------------|-----|
| Unit | PCE |
| Quantity | 1 |
| Weight (kg) | 0 |
| Gross Weight (kg) | 0 |



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 | | |

