



Network Cable Fiber

LinkIT fiber patch OS2 LC/LC 40m

Duplex | SM | LSZH | Yellow

Product number: FPD92LULU-400

EI-number: 6955804

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) | 40 |
| 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) | 2.0 |
| 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 | 2 |
| Height (cm) | 0,9 |
| Width (cm) | 2,2 |
| Length(cm) | 1,9 |
| Weight (kg) | 0,61 |
| Gross Weight (kg) | 0,00074 |
| Volum (dm³) | 0,004 |



Dimensional Sketches

