



# Prokord OS1-LCLC-10

Data sheet

## Core Specs

|                       |             |
|-----------------------|-------------|
| Connector 1           | LC          |
| Connector 2           | LC          |
| Fibre optic type      | OS1         |
| Connector polish type | UPC         |
| Core diameter         | 9 µm        |
| Cladding diameter     | 125 µm      |
| Fiber mode structure  | Single-mode |
| Product colour        | Yellow      |

## Summary

- ✓ Low-loss single-mode OS1 fiber for consistent longer link performance
- ✓ UPC-polished LC duplex connectors for repeatable, low-loss mating
- ✓ 10m length and yellow LSZH jacket for clear routing and safer installs
- ✓ Duplex LC pair fits SFP transceivers and patch panels
- ✓ 9µm core, 125µm cladding maintain precise single-mode transmission

# Product description

## Why choose this fiber optic cable?

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 10.0m is a single-mode fiber patch cable that delivers low signal loss and consistent performance for longer links. It uses UPC-polished LC connectors and a yellow LSZH jacket for clear identification and safer installation in confined spaces. The duplex LC pair makes rack-to-rack patching and connections to SFP transceivers faster and more reliable.

## Prokord Fiber Os1 LC-LC 9/125 Duplex SM 10.0m in short:

- Single-mode OS1 fiber with a 9 µm core and 125 µm cladding, suited for longer runs and precision links.
- Duplex LC to LC connectors with UPC polish, providing repeatable, low-loss connections for transceivers and patch panels.
- 10 m length and yellow LSZH jacket for clear routing and reduced smoke and halogen emissions in enclosed spaces.
- Ideal for patching between racks, connecting optical equipment, and backbone links within data centers and telecom rooms.
- Not recommended for short-range, high-density multi-mode setups, and may not suit installations that require non-LSZH jackets.

## Product details

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 10.0m pairs compact male LC connectors in a duplex arrangement to work with standard SFP and SFP+ transceivers and LC ports on distribution frames. The UPC polish on the ferrules helps keep insertion loss low and maintains connection quality over repeated matings. The LSZH jacket reduces smoke and halogen emissions in confined areas, while the yellow sheath makes single-mode lines easy to identify during installation and maintenance.

# Technical Specification Matrix

## Header

|              |         |
|--------------|---------|
| Manufacturer | Prokord |
|--------------|---------|

## Features

|                       |      |
|-----------------------|------|
| Cable length          | 10 m |
| Connector 1           | LC   |
| Connector 2           | LC   |
| Connector 1 gender    | Male |
| Connector 2 gender    | Male |
| Fibre optic type      | OS1  |
| Connector polish type | UPC  |

|                      |             |
|----------------------|-------------|
| Core diameter        | 9 µm        |
| Cladding diameter    | 125 µm      |
| Fiber mode structure | Single-mode |
| Product colour       | Yellow      |
| Jacket material      | LSZH        |

Logistics data

|                             |          |
|-----------------------------|----------|
| Harmonized System (HS) code | 85447000 |
|-----------------------------|----------|