



Prokord OS1-LCLC-2

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

- ✓ Single-mode OS1 duplex links for stable, low-loss short distance runs
- ✓ LC to LC connectors with UPC polish ensure reliable light transmission
- ✓ 2m length fits patch panels and rack connections, reducing cable clutter
- ✓ Yellow LSZH jacket improves safety in enclosed areas and lowers fumes
- ✓ Consistent optical performance from 9µm core and 125µm cladding

Product description

Why choose this fiber optic cable?

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 2.0m is a high-performance single-mode fiber patch cable that delivers reliable short-run connections. It pairs LC duplex connectors with UPC polish and a yellow LSZH jacket to improve safety and handling. Use it for patch panels, switch-to-switch links, and short interconnects where consistent optical performance and predictable installation is required.

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 2.0m in short:

- Duplex LC-LC single-mode OS1, suited for patch-panel and short switch-to-switch links.
- 2 m length, practical for rack and cabinet patching without excess cable management.
- UPC-polished LC connectors for low back reflection and stable mating performance.
- Yellow low smoke zero halogen jacket for single-mode identification and improved safety in confined spaces.
- Consideration: designed for single-mode short runs, not for long-distance transmission without additional network equipment.

Product details

This duplex cable uses a 9 µm core and 125 µm cladding single-mode fiber to maintain signal integrity over typical patching distances. LC male connectors on both ends feature UPC polish for consistent optical contact and minimal reflection. The LSZH jacket offers durable handling and better fire-safety characteristics for installation in data center racks, telecom rooms, and other enclosed environments.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	2 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
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