

Prokord OS1-LCLC-1

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 9/125 fiber keeps dispersion low for stable links
- ✓ UPC polished LC-LC duplex connectors deliver low insertion loss
- ✓ 1m length keeps patching tidy, ideal for rack and cabinet use
- ✓ Yellow LSZH jacket reduces smoke risk, improves safety in enclosures

Product description

Why choose this fiber optic cable?

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 1.0m provides reliable single-mode connectivity for short-distance links and helps keep installations tidy. The 1 metre length reduces excess cable and simplifies management. UPC-polished LC connectors offer consistent, low-loss mating. The yellow LSZH jacket improves safety in enclosed spaces, making the cable suitable for patch panels, switch links, and precise cross-connects.

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 1.0m in short:

- Duplex LC to LC patch cable for short rack-to-rack and patch panel connections.
- 1 m length reduces clutter and eases cable management in dense racks.
- UPC-polished LC connectors deliver stable, low-loss connections for high-speed links.
- Yellow LSZH jacket lowers smoke and toxic gas risk in confined or public areas.
- Not suited for long-haul links or multimode systems.

Product details

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 1.0m uses single-mode OS1 fibre with a 9 µm core and 125 µm cladding to provide low dispersion over short distances. The male LC connectors with UPC polish ensure repeatable performance when mating to transceivers or patch panels. The low smoke zero halogen jacket protects installations where fire and smoke safety are important, while the short duplex format supports neat, efficient patching in data centres and telecom rooms.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	1 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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