



Prokord OS1-LCLC-5

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

- ✓ 5m single-mode cable supports long-distance data links
- ✓ Duplex LC to LC male connectors simplify duplex deployments
- ✓ UPC polished LC terminations ensure reliable signal mating
- ✓ 9/125 µm core and cladding give stable single-mode performance
- ✓ Yellow LSZH jacket boosts visibility, lowers smoke and halogen risk

Product description

Why choose this fiber optic cable?

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 5.0m gives you consistent single-mode performance with easy handling and reliable connections. The duplex LC plugs with UPC polish reduce back reflection for stable high-speed links. The 5 m length and yellow LSZH jacket improve routing visibility and meet safety needs in data centres and industrial sites.

Prokord Fiber Os1 LC-LC 9/125 Duplex SM 5.0m in short:

- Duplex LC to LC cable, ideal for linking transceivers, patch panels, and cross-connects.
- Single-mode 9/125 µm fiber, suited to longer runs and high-speed transmission.
- UPC-polished male LC connectors for low return loss and predictable signal behaviour.
- Yellow LSZH jacket for clear identification and reduced smoke and toxic gas in fire conditions.
- Consideration: not suitable for multimode networks or short-distance, low-speed setups.

Product details

The Prokord Fiber Os1 LC-LC 9/125 Duplex SM 5.0m provides a straightforward patching solution between SFP/ SFP+ modules and rack equipment. The LC duplex format keeps connections compact while the UPC polish supports stable optical performance. Use the 5 m length for rack-to-rack or shelf-to-panel runs where visibility and fire-safe cabling are important.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	5 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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