



Prokord OS1-LCSC-1

Data sheet

Core Specs

Connector 1	LC
Connector 2	SC
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 9/125µm fiber delivers low-loss short-distance links
- ✓ Duplex LC to SC male connectors, UPC polish for reliable mating
- ✓ 1 m length reduces cable clutter for neat rack and panel layouts
- ✓ Yellow LSZH jacket lowers smoke and toxic gas in indoor installs
- ✓ Duplex design supports bidirectional traffic and stable low latency

Product description

Why choose this fiber optic cable?

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 1.0m is a high-performance single-mode patch cable that delivers reliable short-distance connectivity. Its UPC-polished LC and SC male connectors and 9/125 μ m fiber ensure low loss and stable transmission, while the yellow LSZH jacket improves safety in indoor environments and keeps rack runs neat.

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

- Single-mode OS1 9/125 μ m fiber for stable, low-loss short links, suitable for patch panels and adjacent rack connections.
- Duplex LC to SC male connectors with UPC polish for consistent low return loss and reliable mating.
- 1 m length reduces cable clutter and keeps rack and patch-panel layouts tidy.
- Yellow LSZH jacket improves fire safety and follows single-mode colour conventions for easy identification.
- Consider: not suitable for multimode networks or outdoor, harsh environmental use.

Product details

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 1.0m links LC and SC ports in single-mode networks and carries bidirectional traffic through its duplex construction. The 9 μ m core and UPC-polished ferrules help keep insertion loss low and signal quality stable over short runs. The compact 1 m length is ideal for tidy patch-panel and rack-to-equipment connections. A yellow LSZH jacket reduces smoke and toxic gas emissions for safer indoor installation, and the blue connector housings visible on the cable match common single-mode colour coding for quick visual checks.

Technical Specification Matrix

Header

Manufacturer	Prokord
--------------	---------

Features

Cable length	1 m
Connector 1	LC
Connector 2	SC
Connector 1 gender	Male
Connector 2 gender	Male
Fibre optic type	OS1
Connector polish type	UPC
Core diameter	9 μ m

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

Logistics data

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