



Prokord OS1-LCSC-0.5

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

- ✓ Short 0.5m length, ideal for patch panels and equipment testing
- ✓ LC to SC duplex connection simplifies linking mixed ports
- ✓ OS1 single-mode, 9/125µm core-clad for stable optical links
- ✓ UPC polished connectors reduce reflections for consistent performance
- ✓ LSZH yellow jacket enhances safety and visibility in rack environments

Product description

Why choose this fiber optic cable?

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 0.5m offers reliable single-mode connectivity in a compact 0.5 m patch cable. The LSZH jacket reduces smoke and toxic emissions, while UPC-polished LC and SC male connectors preserve signal integrity for short interconnects. Its yellow jacket and blue connectors make port identification simple, helping you reduce installation time and errors.

Fiber Os1 LC-SC 9/125 Duplex SM 0.5m in short:

- Short single-mode duplex cable for patch panel interconnections, equipment testing, and tight rack routing.
- LC to SC UPC male connectors for compatibility with common single-mode ports and low back reflection.
- 0.5 m length minimises excess slack and keeps cabling tidy in dense installations.
- Yellow LSZH jacket for easy identification and improved safety in enclosed spaces.
- Not suitable for long-distance links or multimode systems, consider this when planning connections.

Product details

The Prokord Fiber Os1 LC-SC 9/125 Duplex SM 0.5m provides a stable optical path for short-range, high-bandwidth connections between equipment and patch panels. The 9 µm core and 125 µm cladding support single-mode transmission, while UPC-polished LC and SC male connectors help maintain clear signal integrity. The LSZH jacket is designed for indoor environments where reduced smoke is required, and the duplex design simplifies routing in dense racks.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	0.5 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 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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