



Prokord OS1-LCSC-15

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

- ✓ OS1 single-mode, 9μm core fiber for low-loss, precise links
- ✓ LC to SC UPC connectors for fast, reliable patching and swaps
- ✓ 15m length gives flexible reach for racks, cabinets and equipment
- ✓ Yellow LSZH jacket boosts visibility and reduces smoke, halogen

Product description

Why choose this fiber optic cable?

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 15.0m is a single-mode duplex fiber optic cable built for dependable, low-loss links in indoor network and data centre environments. Its 15 m length and UPC-polished LC and SC male connectors make equipment-to-panel and rack-to-rack connections straightforward. The LSZH jacket and yellow sheath improve safety and visibility during installation and maintenance.

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 15.0m in short:

- Single-mode OS1 duplex cable, suitable for low-loss patching between switches, transceivers, and optical panels.
- LC to SC male connectors with UPC polish for stable mating and reduced back reflection; blue connector housings for quick identification.
- 9 µm core and 125 µm cladding, following standard single-mode geometry for consistent transmission.
- Low smoke zero halogen (LSZH) jacket in yellow, enhancing safety and visibility in indoor installations.
- Not suitable for multimode systems and not intended for outdoor use without additional protection.

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 15.0m

This cable connects single-mode equipment using a compact LC plug on one end and an SC plug on the other, providing separate transmit and receive paths for duplex communication. The 15 m length covers common rack-to-rack and equipment-to-panel runs while keeping cabling neat. The LSZH jacket reduces hazardous emissions in confined spaces, and the UPC polish supports low reflection for optical links. Handle connectors and fiber gently and avoid tight bends to maintain performance.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	15 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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