



Prokord OS1-LCSC-10

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

- ✓ 10m duplex single-mode cable keeps racks tidy and extends links
- ✓ LC to SC male connectors ensure easy, reliable panel and device links
- ✓ OS1 9µm core with 125µm cladding reduces signal loss and interference
- ✓ UPC polish yields low back reflection for stable optical performance
- ✓ LSZH yellow jacket improves fire safety, suited to indoor environments

Product description

Why choose this fiber optic cable?

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 10.0m offers reliable single-mode connectivity for patching and short links. It combines LC and SC UPC male connectors to bridge different equipment types, a 10 m length for flexible placement, and an LSZH yellow jacket that improves safety and visibility in cabling environments.

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 10.0m in short:

- Duplex single-mode OS1 cable for stable transmit and receive pairs, suitable for backbone and patch panel connections.
- LC to SC UPC male connectors make it easy to connect devices with mixed port types.
- 10 m length gives flexibility for rack-to-rack and equipment-to-equipment routing.
- Yellow LSZH jacket improves identification and reduces smoke and halogen exposure in case of fire.
- Consider that this cable is single-mode only and not suitable for multimode links or runs beyond typical single-mode planning distances.

Product details

Prokord Fiber Os1 LC-SC 9/125 Duplex SM 10.0m provides a simple, ready-to-use connection for networks that require single-mode performance. The 9 µm core and 125 µm cladding support precise light guidance to minimise signal degradation over the intended run. Both connectors are UPC polished and male, so you can plug directly into matching ports. The low smoke zero halogen jacket helps meet safety requirements in data centres and other controlled environments while the yellow colour aids quick identification.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	10 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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