



Prokord OS2-LCLC-2.5

Data sheet

Core Specs

Connector 1	LC
Connector 2	LC
Fibre optic type	OS2
Connector polish type	UPC
Core diameter	9 µm
Cladding diameter	125 µm
Fiber mode structure	Single-mode
Product colour	Yellow

Summary

- ✓ Single-mode OS2 lowers signal loss, delivers stable long-distance links
- ✓ LC-LC male connectors enable quick, reliable plug-and-play installs
- ✓ 2.5m length fits rack-to-rack and patch panel runs
- ✓ Yellow LSZH jacket reduces smoke risk, eases cable identification

Product description

Why choose this fiber optic cable?

Prokord Fiber OS2 LC-LC 9/125 Simplex SM 2.5M UPC provides reliable single-mode connectivity for precise network installations. It delivers low-loss transmission with UPC-polished LC-to-LC terminations and a yellow LSZH jacket for safer use in confined or regulated spaces. The 2.5 m length and compact LC connectors simplify rack-to-rack and patch-panel connections, reducing installation time and upkeep.

Prokord Fiber OS2 LC-LC 9/125 Simplex SM 2.5M UPC in short:

- Single-mode OS2 construction for low attenuation and stable long-reach links.
- LC to LC male connectors with UPC polish, suitable for standard LC ports and low back-reflection needs.
- 2.5 m length, ideal for patching between racks, panels, and nearby equipment.
- Yellow LSZH jacket for easy identification and improved safety in populated or regulated areas.
- Consideration: fixed length may not suit large-scale outdoor layouts, and this cable is not for multimode systems.

Product details

This cable connects optical ports in data centers, telecom racks, and controlled infrastructure sites. The LC connectors include protective caps and offer straightforward insertion and removal, which helps speed installations and routine maintenance. OS2 single-mode fiber supports high bandwidth with minimal signal loss, while the UPC polish reduces return loss for sensitive links. The low smoke zero halogen jacket lowers toxic emissions in case of fire and aids cable management through clear color coding. The product is supplied as a single unit per pack.

Technical Specification Matrix

Header

Manufacturer	Prokord
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Features

Cable length	2.5 m
Connector 1	LC
Connector 2	LC
Connector 1 gender	Male
Connector 2 gender	Male
Fibre optic type	OS2
Connector polish type	UPC
Core diameter	9 µm

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

Packaging data

Quantity per pack	1 pc(s)
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Logistics data

Harmonized System (HS) code	85447000
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