

SC/UPC to SC/UPC Single Mode Fiber Optic Cable

This is a single mode fiber optic cable with SC/UPC connectors on both ends. The cable is designed for high-speed data transmission in telecommunications and networking applications.



Product Overview

High-Performance Single Mode Connectivity

This 9/125µm OS2 single-mode bend-insensitive fiber optic cable is engineered for high-density cabling environments, including data centers and enterprise networks. It supports reliable 1G/10G/40G/100G Ethernet connections with low attenuation across long distances. The cable features specialized G.657.A1 bend-insensitive fiber, ensuring efficient maintenance and space-saving installation.

Optical Performance

Transmission Capabilities

0.3 dB

Max Insertion Loss

50 dB

Min Return Loss

10 mm

Min Bend Radius

Technical Specifications

Fiber and Cable Parameters

Parameter	Value
Fiber Mode	OS2 9/125µm
Fiber Grade	G.657.A1
Fiber Count	Duplex
Jacket Material	PVC
Cable Diameter	2.0mm

Connectors and Polarity	SC/UPC, SC/UPC, Polarity A(Tx) to B(Rx)
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Environmental Requirements

Operating Temperature	-20 to 70°C
Storage Temperature	-40 to 80°C