Fiber Optic Patch Cord Simplex LC APC to SC APC

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Variants

5M 3.00mm 3M 3.00mm

Details

Patch Cord LC APC to SC APC

The LC APC to SC APC 3.00mm Simplex Patch Cord is a high-performance fiber optic cable designed for efficient and reliable single-mode transmission. With LC APC on one end and SC APC on the other, it is ideal for telecommunications, data centers, FTTH, and enterprise fiber networks where low signal loss and high return loss are required.

Technical Specifications

Category	Specification
Connector Type	LC APC to SC APC
Polish Type	APC to APC
Cable Type	Simplex
Cable Diameter	3.00 mm
Cable Length	1-50 meters
Fiber Mode	Single-mode (SM)
Fiber Type	OS2 (Single-Mode Fiber)
Insertion Loss	0.3 dB (Typical)

Return Loss	> 50 dB (Typical)
Attenuation	? 0.4 dB/km @ 1310 nm
Operating Temperature	-40°C to +75°C
Storage Temperature	-40°C to +85°C
Compliance	RoHS Compliant, UL Listed

Key Features

Features
LC APC and SC APC connectors reduce reflection and improve return loss.
Simplex design is ideal for single-fiber point-to-point transmission.
3.00 mm jacket provides added protection and easier handling.
OS2 fiber supports long-distance, high-speed communication.
Low insertion loss and high return loss ensure stable signal transmission.

Product Advantages

Advantages
High signal integrity for sensitive and high-speed fiber optic systems.
Suitable for long-distance applications such as telecom backbone and enterprise links.
Durable 3.00 mm jacket improves protection and long-term use.
Compatible with routers, patch panels, fiber switches, and FTTH equipment.
Cost-effective solution for reliable fiber connectivity in telecom and data networks.
3-meter length is practical for medium-range connections and flexible installation.

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