Fiber Optic Patch Cord Simplex SC APC to SC APC

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Variants

1M 3.00mm 2M 3.00mm 5M 3.00mm 3M 3.00mm

Details

Patch Cord SC APC to SC APC 3.00mm Simplex – D-TECH

Product Overview

The D-TECH Patch Cord SC APC to SC APC 3.00mm Simplex is a high-quality fiber optic cable designed for reliable and efficient single-mode transmission. Featuring SC APC connectors on both ends, it minimizes back reflection and ensures excellent signal integrity. The 3.00mm durable cable design provides strong protection while maintaining flexibility, making it suitable for both indoor and outdoor fiber optic installations.

Key Features

Feature	Description
Connector Type	SC APC to SC APC (Angled Physical Contact)
Cable Type	Simplex
Fiber Type	Single Mode OS2 (9/125 µm)
Cable Diameter	3.00 mm
Insertion Loss	? 0.3 dB (typical)
Return Loss	? 50 dB (APC polish)

Advantages

Advantage	Details
Low Reflection	APC connectors reduce back reflection for stable signal quality
Long Distance Performance	OS2 fiber supports long-distance high-speed transmission
Durability	3.00mm jacket protects against physical damage and wear
Reliable Performance	Maintains low loss and stable connectivity in all environments
Flexible Installation	Compact and flexible for easy routing in tight spaces

Applications

No.	Application
1	Telecommunication networks
2	Data centers and enterprise networks
3	FTTH / FTTP deployments
4	Fiber patch panels and ODF connections
5	High-speed broadband connections

Technical Specifications

Parameter	Details
Connector	SC APC to SC APC
Fiber Mode	Single Mode (OS2)

Cable Diameter	3.00 mm
Insertion Loss	? 0.3 dB
Return Loss	? 50 dB
Operating Temperature	-40°C to +75°C
Storage Temperature	-40°C to +85°C
Compliance	RoHS, UL Listed

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