

5M MINI SC/APC to SC/UPC Simplex Outdoor Fiber Patch Cord, OS2 9/125, LSZH Jacket

Our Product Introduction

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Basic Information

- Place of Origin: CN
- Brand Name: Fiber-Mania
- Model Number: MISASU-SM014LBK05
- Minimum Order Quantity: 10
- Packaging Details: Standard Packing
- Delivery Time: 3-7 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 500,000 per month



Product Specification

- Connector Housing: IP67 Rated
- Connector Type: LC/UPC
- Return Loss: $\geq 50\text{dB}$
- Transmission Distance: Custom
- Insertion Loss: $\leq 0.3\text{dB}$
- Ingress Protection: IP68
- Cable Type: Armored Cable
- Fire Protection: UL94-V0
- Temperature Range: -40°C To $+85^{\circ}\text{C}$
- Cable Dimension: 4.8mm/7.0mm
- Connector Loss: $\leq 0.3\text{dB}$
- Fiber Grade: G.657.A
- Durability: ≥ 1000 Times
- Highlight: **5M SC/APC to SC/UPC fiber patch cord, OS2 9/125 outdoor fiber cable, LSZH jacket standard 5M length**

Product Description

The **MISASU-SM014LBK05** is a **5-meter MINI SC/APC to SC/UPC simplex fiber patch cord** designed for **rugged outdoor fiber optic applications**. Built with **OS2 9/125 single-mode fiber**, it ensures **low insertion loss (≤ 0.3 dB)** and consistent optical performance even across extended deployments.

Equipped with **IP67-rated waterproof MINI SC/APC and SC/UPC connectors**, this cable withstands dust, moisture, and extreme conditions, making it suitable for **FTTA, LTE, WiMax, telecom, broadcast, and military networks**. Its **TPU/LSZH jacket** provides flame resistance, mechanical protection, and tensile strength ≥ 180 N for secure, long-term reliability.

The cable supports **repeated mating cycles (500+)** with stable repeatability (≤ 0.2 dB) and operates within a **temperature range of -40 °C to +70 °C**, ensuring durable performance in harsh outdoor environments. Easy plug-and-play connectivity reduces splicing needs, speeding up installation and lowering maintenance costs.

Key Specifications

Connector Types: MINI SC/APC to SC/UPC

Fiber Type: OS2 9/125 μ m single-mode

Configuration: Simplex

Length: 5 meters (custom lengths available)

Insertion Loss: ≤ 0.3 dB

Repeatability: ≤ 0.2 dB

Mechanical Durability: 500 mating cycles

Tensile Strength: ≥ 180 N

Jacket Material: TPU / LSZH, UL94V-0 flame-retardant

Temperature Range: -40 °C to +70 °C

Protection Rating: IP67 waterproof

Features & Benefits

Compact **MINI SC to SC hybrid design** for flexible outdoor connectivity

Waterproof IP67 connectors protect against dust, dirt, and moisture

Low-loss optical performance ensures stable and long-distance transmission

Rugged TPU/LSZH jacket for flame resistance and durability

High mechanical strength for reliable field use in harsh environments

Reduces splicing, enabling faster and safer installation

Applications

FTTA (Fiber to the Antenna)

LTE & WiMax networks

Outdoor telecom systems

Broadcast and military communications

Harsh-environment optical links



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