

Armored Patch cord SC UPC to SC UPC 3.00mm simplex SM

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Variants

3M 5M 2M 1M 10M

Details

Simplex Indoor Armored Fiber Optic Cable

This armored fiber optic patch cord is designed for secure and reliable single-mode transmission in indoor and harsh-use environments. With built-in stainless steel armor, it provides stronger protection than standard patch cords against pressure, abrasion, moisture, and rodent damage while maintaining excellent optical performance.

Technical Specifications

Category	Specification
Product Type	Armored Fiber Optic Patch Cord
Connector Type	SC/UPC to SC/UPC
Polish Type	UPC to UPC
Fiber Mode	OS2 9/125µm Single Mode
Fiber Count	Simplex
Fiber Grade	G.657.A1
Cable Diameter (OD)	3.0 mm
Cable Jacket	PVC (OFCR)

Cable Structure	Single Armored, Stainless Steel Tube
Min. Bend Radius	10xD (Dynamic) / 5xD (Static)
Tensile Load	120N (Long-Term) / 225N (Short-Term)
Insertion Loss	? 0.3 dB
Return Loss	? 50 dB
Attenuation	? 0.4 dB/km @ 1310 nm
Operating Temperature	-25°C to +70°C (-13°F to 158°F)
Storage Temperature	-25°C to +70°C (-13°F to 158°F)
Compliance	RoHS Compliant, UL Listed
Length Option	Custom lengths available

Key Features

Features
SC/UPC connectors provide stable low-loss optical transmission.
3.0 mm armored design provides strong protection against pressure, cuts, and rodent damage.
OS2 single-mode fiber is suitable for long-distance, high-speed communication.
Flexible construction supports installation in tight and demanding environments.
Suitable for indoor industrial areas, data centers, telecom rooms, and protected outdoor routing.

Product Advantages

Advantages
Enhanced physical protection for demanding environments.

Low insertion loss and high return loss for reliable optical performance.

Ideal for FTTH, telecom, enterprise, industrial, and backbone fiber applications.

Cost-effective long-term solution with reduced risk of cable damage.

Easy to route and install despite armored construction.