

# Armored Patch cord LC UPC to LC UPC 3.00mm simplex SM

Discover D-Tech's Armored Patch Cord LC UPC to LC UPC, engineered for reliable and secure fiber optic connections. Built with durable armor for enhanced protection, this high-performance patch cord is perfect for both indoor and outdoor installations, ensuring optimal data transfer and long-lasting performance.

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## Variants

5M 3M 2M

## Details

### Product Description: Armored Patch Cord LC UPC to LC UPC 3.00mm Simplex SM

**Introduction:** The Armored Patch Cord LC UPC to LC UPC 3.00mm Simplex SM (Single Mode) is a high-quality fiber optic cable specifically designed to provide secure, reliable, and high-speed data transmission. Featuring a Simplex design, this patch cord connects two LC UPC (Ultra Physical Contact) connectors with a robust 3.00mm armored jacket, making it ideal for use in demanding environments where additional protection is required. Whether used in data centers, telecommunications networks, or industrial applications, this patch cord ensures durability and low signal loss for optimal performance.

### Fiber Optic Cable Specifications

Category	Specification
Connector Details	
Connector Type	LC to LC
Polish Type	UPC to UPC
Fiber Specifications	
Fiber Mode	OS2 9/125µm (Single-Mode)
Fiber Count	Simplex (1 Fiber)
Fiber Grade	ITU-T G.657.A1 (Bend-Insensitive)

Category	Specification
<b>Mechanical Properties</b>	
Minimum Bend Radius	10×D (Dynamic) / 5×D (Static)
Cable Outside Diameter (OD)	3.0 mm
Cable Jacket	Riser (OFCR – Optical Fiber Conductive Riser)
Fiber Cord Structure	Single Armored, Stainless Steel Tube
Tensile Load	120N (Long-Term) / 225N (Short-Term)
<b>Optical Performance</b>	
Insertion Loss	≤0.3 dB
Return Loss	≥50 dB
<b>Environmental Ratings</b>	
Operating Temperature	-25°C to +70°C (-13°F to 158°F)
Storage Temperature	-25°C to +70°C (-13°F to 158°F)