

# Armored Patch cord

## Overview

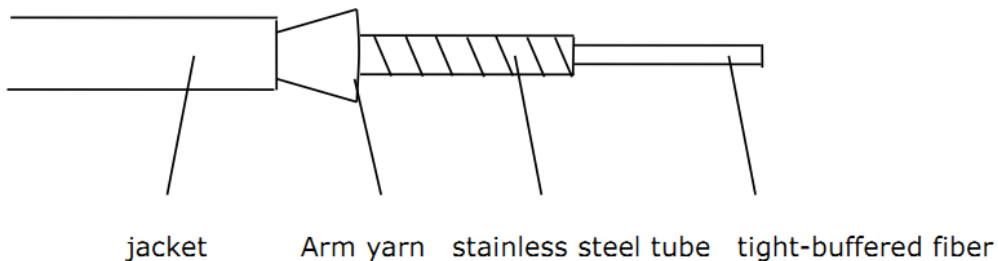
LongXing supplies top quality armored fiber optic patch cords with very competitive prices. Armored fiber optic patch cords are easy to use in harsh environment, with stainless steel tube inside the outer jacket to protect the central unit of the cable. The armored fiber optic patch cord enables easy handling and installation in a similar way to standard electrical cable.



## Features

- It is very cost-effective for network cabling
- Strong safeguard of optical fibers due to use of stainless steel material.
- High tensile strength, pressure resistant, re-twist resistance, rodent protected.
- Easy handling similar to electrical cable and easy installation.
- Good exchangeability; Good Durability
- High temperature stability
- LongXing provides single mode, multimode, SC, FC, ST, LC, MU, MTRJ, UPC, APC, simplex, duplex, Ø3.0mm, Ø2.0mm, 9/125um, 50/125um, 62.5/125um armored fiber optic patch cord.
- LongXing provides a full set of OEM services, such as fiber connector, diameter, length, color, fiber grade, specification, material, package etc.

## Structure of Armored fiber optic cable Simplex



## Technical Specifications

	Single-mode			Multimode
	PC	UPC	APC	PC
Insertion Loss	≤0.25dB	≤0.25dB	≤0.25dB	≤0.25dB
Return Loss	≥50dB	≥50dB	≥60dB	≥45dB
General attenuation	1310 um≤0.35dB/km;1550 um≤0.25dB/km			850 um≤3.0dB/km;1300 um≤1.0dB/km
Operating Wavelength	1310nm, 1550nm			850nm, 1300nm
Repeatability	≤0.1dB			
Service Life	>1000 mating cycles			
<b>Tight-buffered fiber</b>				
Tight-buffered fiber	SM or MM available 0.9mm tight-buffered fiber			
Color	SM/ White or yellow MM/ Blue or orange			
<b>Stainless steel tube</b>				
Stainless steel tube	Material: SUS204			
Outer diameter (D)	1.65±0.05mm			
Inside diameter (d)	1.15±0.05mm			
Thickness (t)	0.25±0.02 mm			
Gap (p)	0.22±0.02 mm			
Compression resistant strength	≥300KGf/100MM			
<b>Arm yarn/Kevlar</b>				
Arm yarn	model:1000dtex			
	Number: 4 branch outside the stainless steel tube			
Tensile strength: Short term	≥300N: long term: ≥150N.			
<b>Jacket</b>				
jacket	Material: PVC/LSZH /OFNP			
Color	SM/blue; MM/gray			
Thickness(t)	0.45±0.05 mm			
Outer diameter(D)	2.9±0.1mm			
Working Temperature	-40℃~+75℃			



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## Pictures

