

Pre-Terminated Fiber Optic Armored Cable Patch Cord 1M 2M 5M

Description

This pre terminated fiber armored patch cord can be laid in all kinds of environmental extremes. It is used without protection tube which saves space and is quite convenient for maintenance. Also, it has the construction including stainless steel tube which protects optical fiber and provide better security for the whole system.



Fiber Cable Specs

- Tight-buffered fiber: SM or MM; 0.9mm tight-buffered fiber
General attenuation: SM– 1310 nm≤0.35dB/km; 1550 nm≤0.25dB/km MM– 850 nm≤3.0dB/km; 1300 nm≤1.0dB/km
- Armor:
Material: stainless steel
Gap (p): 0.25±0.02 mm
Compression resistant strength: ≥300KGf/100MM
- Aramid yarn:
Tensile strength: Short term: ≥300N: long term:≥150N.
- Jacket:
Material: TPU /LSZH Thickness: 0.45±0.05 mm Outer diameter: 5.0±0.2mm

Product Specifications

Parameter	Unit	ST, SC, LC, FC, MTRJ		
		SM		MM
		PC	UPC	PC
Insertion Loss (typical)	dB	≤0.3	≤0.2	≤0.2
Return Loss	dB	≥45	≥50	≥30
Operating Wavelength	nm	1310, 1510		
Exchangeability	dB	≤0.2		
Vibration	dB	≤0.2		
Operating Temperature	°C	-40~85		
Storage Temperature	°C	-40~85		
Cable Diameter	mm	Φ5.0±0.2mm		

Applications: Military, Extreme environments