

Flyin Armored Patch Cord Specification

Armored fiber optic patch cord uses flexible stainless steel tube inside the outer jacket as the armor to protect the fiber glass inside. It retains all the features of standard patch cord, but is much stronger. With its strong outer jacket, armored patch cable is rodent-resistant and can work well even in harsh environment.

Features

- Military & industry harsh environments
- CATV, FTTH, LAN
- Fiber optic sensors
- Broadband networking
- Test equipment

Applications

- Low insertion loss, high return loss
- Excellent mechanical endurance
- High credibility and stability
- Rugged and crush resistant
- Good in repeatability and exchangeability



Performance Specifications

Parameter	Unit	FC, SC, LC				ST, MU, MTRJ		
		SM			MM	SM	MM	
		PC	UPC	APC	PC	PC	UPC	PC
Insertion Loss	dB	≤0.3				≤0.3		
Return Loss	dB	≥45	≥50	≥60	≥35	≥45	≥50	≥35
Repeatability	dB	ΔIL ≤ 0.2dB ΔRL ≤ 5dB			ΔIL ≤ 0.1dB	ΔIL ≤ 0.1dB		
Durability	dB	ΔIL ≤ 0.2dB ΔRL ≤ 5dB			ΔIL ≤ 0.1dB	ΔIL ≤ 0.1dB		
Exchangeability	dB	ΔIL ≤ 0.2dB ΔRL ≤ 5dB			ΔIL ≤ 0.1dB	ΔIL ≤ 0.1dB		
Compressive Strength	N	F > 300N						
Operation life Span	times	n > 1000						
Operating temperature	°C	-40 ~ +80						

Ordering Information

Connector	Fiber Core	Cable Diameter	Fiber Type	Polishing	Cable Jacket	Cable Color	Fiber Length
1=LC	S=Simplex	1=0.9mm	1=SM: 9/125G652D	1=PC	1=PVC	1=Yellow	0=1M
2=SC	D=Duplex	2=2.0mm	2=SM: 9/125G657A	2=UPC	2=LSZH	2=Orange	1=2M
3=FC		3=3.0mm	3=MM: 50/125(OM2)	3=APC		3=Aqua	2=3M
4=ST			4=MM: 50/125(OM3)			S=Specify	...
5=MU			5=MM: 50/125(OM4)				9=10M
6=MTRJ			6=MM:62.5/125(OM1)				S=Specify
S=Specify							