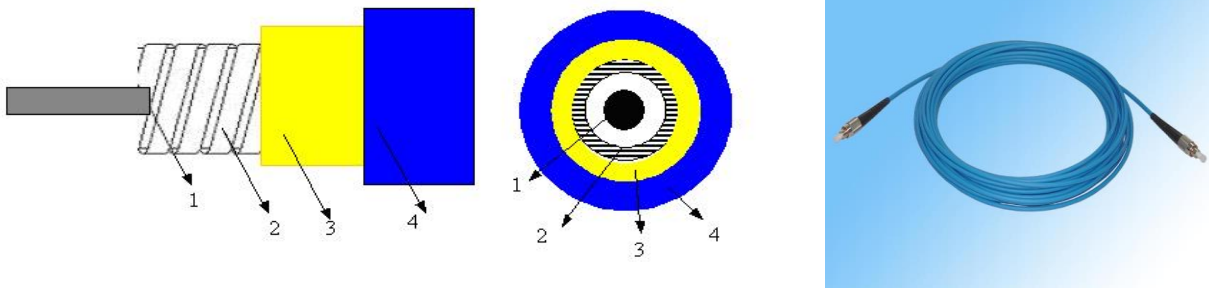


Armoured Fiber Connector/Patchcord FC, SC, ST, LC, MU

1 DESCRIPTION

It is available to deploy directly without additional tube to protect the cable from damage in any harsh environment, Thus, it can save space and make the maintenance very convenient; moreover, because it is protected by flexible stainless steel tube from getting damaged, it can improve the safety and stability of the whole system.



1:Optical fiber; 2: Flexible steel tube; 3: Nylon yarn; 4: External jacket

Armoured Optic fiber Cable Configuration

2 FEATURE

- To prevent high pull strength, pressing, twisting and biting by mice or ants with flexible steel tube
- Strong, durable and has the same diameter of common patch cord, thereby saving the space
- No stress generated when outside force is applied on Armoured Optic Fiber, thereby ensuring the stability of whole Optic System
- Electric cable-like handling and easy to install, adapt to any harsh condition
- Blue for standard single mode optic fiber, and grey for multi mode

3 TECHNICAL SPECIFICATION

Fiber mode	Single mode			Multi mode
Connector Type	FC, SC, ST, LC, MU			FC, SC, ST, LC, MU
End mode	PC	UPC	APC	PC
Insertion Loss (IL)	≤0.3 dB			≤0.3 dB
Return Loss (RL)	≥45 dB	≥50 dB	≥60 dB	≥35 dB
Repeatability	Δ IL≤0.2 dB; Δ RL≤5 dB			Δ IL≤0.1 dB
Vibration	Δ IL≤0.2 dB; Δ RL≤5 dB			Δ IL≤0.2 dB

Exchangeability	$\Delta IL \leq 0.2 \text{ dB}$; $\Delta RL \leq 5 \text{ dB}$	$\Delta IL \leq 0.2 \text{ dB}$
Tensile Strength	>300 N	
Durability	>1000Times	
Operation Temperature	-40°C~+80°C	

4 ORDERING INFORMATION

Product Type	PDR X X X / X - X / X X X								
Meanings	Name	Fiber count	F i b e r	Connector Type	E n d	Connector	E n d	Cable	Fiber Type
Description	Armoured Fiber Patchcord	01*=Simplex	SM=Single Mode	FC	PC	FC	PC	3m	G.657A2*
			MM=Multi Mode	SC	UPC	SC	UPC	5m	G.652
				ST	APC	ST	APC	15m	62.5μm*
				LC		LC		30m	50 μ m
				MU		MU		
Remark	With * can be omitted								

For example: Product type is **PDR SM LC/UPC-SC/UPC** 10m. It means optic fiber patchcord with 10m single mode optic fiber, **LC/UPC** connector transforms to **SC/UPC**.