



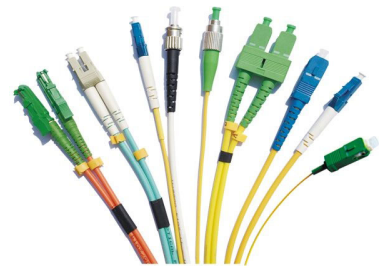
### Single Mode Fiber Optic Patch Cords/Pigtails

#### 1. Description

Fiber optic patch cord and pigtail can be classified to E2000, FC, SC, LC, MU, SN and ST. With the high-quality ceramic ferrules, it has good conformity and low Insertion Loss. And it is widely used in the Telecommunication Networks, Data Transmission, Test Equipment and the LAN of CATV etc.

#### 2. Features

- Low insertion loss and high return loss;
- Good repeatability & interchangeability;
- PC, UPC, APC polishing; FC, SC, ST, LC, MU connector;
- Suitable for high-speed, high-capacity optical fiber transmission system;
- Provide single mode/ multimode patch cord and pigtails;
- Fiber diameter:  $\Phi 0.9\text{mm}$ ,  $2.0\text{mm}$ ,  $3.0\text{mm}$ ;
- Length/Type: according to customers' demands.
- Complies with IEC 61753-1 and Telcordia GR-326.



#### 3. Application

- Optical fiber communications system;
- Optical fiber access networks;
- Optical fiber CATV;
- Optical fiber test equipments;
- Optical fiber data communication.

#### 4. Technical parameters

No.	Item	Unit	Single Mode	
1	Insertion loss	dB	≤0.3	
2	Return loss	dB	UPC	APC
			≥50	≥60
3	Repeatability	dB	0.1	
4	Working Times	Times	≥1000	
5	Operating Temperature	°C	-40~+85	
6	Optical Cable Diameter	mm	Φ0.9, Φ2.0, Φ3.0	



### 5. Ordering Information

#### 5.1 Single mode fiber optic patch cords

##### A-BCDEFG-H

A		B		C		D		E		F		G	H																																																				
Product type		Connector A		Connector B		Cable type		Fiber count		Cable color		Cable diameter, mm	Cable length, m																																																				
Patch cord	CNFJ-	E2000/APC	E2A	E2000/APC	E2A	SM	OS2	1	S	White	W	1.8	-0.5																																																				
		E2000/UPC	E2	E2000/UPC	E2							G655	G655	2	D	Yellow	H	YE	2	-1																																													
		FC/APC	FCA	FC/APC	FCA							LC/APC	LCA	LC	UPC				FC	SC/APC	SCA	3	-1.5																																										
		FC/UPC	FC	FC/UPC	FC																	LC/APC	LCA	LC	UPC	SC/APC	SCA	-2	-2																																				
		LC/APC	LCA	LC/APC	LCA																							LC/APC	LCA	LC	UPC	SC/APC	SCA	-3	-3																														
		LC/UPC	LC	LC/UPC	LC																													LC/APC	LCA	LC	UPC	SC/APC	SCA	-5	-5																								
		SC/APC	SCA	SC/APC	SCA																																			LC/APC	LCA	LC	UPC	SC/APC	SCA	-7	-7																		
		SC/UPC	SC	SC/UPC	SC																																									LC/APC	LCA	LC	UPC	SC/APC	SCA	-10	-10												
		SN/APC	SNA	ST/APC	STA																																															LC/APC	LCA	LC	UPC	SC/APC	SCA	-15	-15						
		SN/UPC	SN	ST/UPC	ST																																																					LC/APC	LCA	LC	UPC	SC/APC	SCA	-20	-20
		ST/APC	STA																																																													LC/APC	LCA
		ST/UPC	ST																																																														

#### Ordering example:

CNFJ-LCOS2SYE3mm-2 – Fiber optic patch cord, LC/UPC to SC/UPC, Single mode, Simplex, Yellow, 3 mm, 2 meters long

#### 5.1 Single mode fiber optic pigtailed

##### A-BCDEF-G

A		B		C		D		E		F		G																																																			
Product type		Connector A		Cable type		Fiber count		Cable color		Cable type		Cable length, m																																																			
Pigtail	CNFP-	E2000/APC	E2A	SM	OS2	1	P	White	WH	09EASY	Easy strip	-0.5																																																			
		E2000/UPC	E2									G655	G655	Yellow	YE	09TB	Tight buffered	-1																																													
		FC/APC	FCA									LC/APC	LCA					LC	UPC	SC/APC	SCA	-1.5																																									
		FC/UPC	FC																			LC/APC	LCA	LC	UPC	SC/APC	SCA	-2																																			
		LC/APC	LCA																									LC/APC	LCA	LC	UPC	SC/APC	SCA	-xxx																													
		LC/UPC	LC																															LC/APC	LCA	LC	UPC	SC/APC	SCA																								
		SC/APC	SCA																																					LC/APC	LCA	LC	UPC	SC/APC	SCA																		
		SC/UPC	SC																																											LC/APC	LCA	LC	UPC	SC/APC	SCA												
		SN/APC	SNA																																																	LC/APC	LCA	LC	UPC	SC/APC	SCA						
		SN/UPC	SN																																																							LC/APC	LCA	LC	UPC	SC/APC	SCA
		ST/APC	STA																																																												
		ST/UPC	ST																																																												

#### Ordering example:

CNFP-SCAOS2PYE0.9EASY-1 – Fiber optic pigtail, SC/APC connector, Single mode, Yellow, Easy strip, 1 meter long