



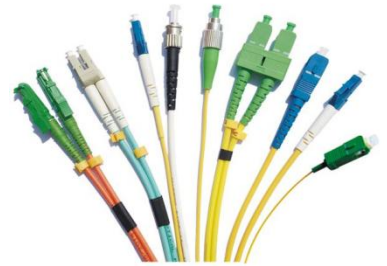
### Multimode Fiber Optic Patch Cords/Pigtails

#### 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	Multimode OM1
1	Loss(850nm)	dB/km	$\leq 3.0$
2	Broadband Injection (850nm)	dB/km	$\geq 160$
3	Attenuation Non-uniformity	dB/km	$\leq 0.1$
4	Working Times	Times	$\geq 1000$
5	Operating Temperature	$^{\circ}\text{C}$	$-60\sim+85$
6	Optical Cable Diameter	mm	$\Phi 0.9, \Phi 2.0, \Phi 3.0$



No.	Item	Unit	Multimode OM2
1	Loss(850nm)	dB/km	≤2.5
2	Broadband Injection(850nm)	dB/km	≥200
3	Attenuation Non-uniformity	dB/km	≤0.1
4	Working Times	Times	≥1000
5	Operating Temperature	°C	-60~+85
6	Optical Cable Diameter	mm	Φ0.9, Φ1.8, Φ2.0, Φ3.0

No.	Item	Unit	Multimode OM3
1	Loss(850nm)	dB/km	≤2.4
2	Broadband Injection(850nm)	dB/km	≥1500
3	Attenuation Non-uniformity	dB/km	≤0.1
4	Working Times	Times	≥1000
5	Operating Temperature	°C	-60~+85
6	Optical Cable Diameter	mm	Φ0.9, Φ1.8, Φ2.0, Φ3.0

No.	Item	Unit	Multimode OM4
1	Loss(850nm)	dB/km	≤2.4
2	Broadband Injection(850nm)	dB/km	≥3500
3	Attenuation Non-uniformity	dB/km	≤0.1
4	Working Times	Times	≥1000
5	Operating Temperature	°C	-60~+85
6	Optical Cable Diameter	mm	Φ0.9, Φ1.8, Φ2.0, Φ3.0

No.	Item	Unit	Multimode OM5
1	Loss(850nm)	dB/km	≤2.4
2	Broadband Injection(850nm)	dB/km	≥3500
3	Attenuation Non-uniformity	dB/km	≤0.1
4	Working Times	Times	≥1000
5	Operating Temperature	°C	-60~+85
6	Optical Cable Diameter	mm	Φ0.9, Φ1.8, Φ2.0, Φ3.0



### 5. Ordering Information

#### 5.1 Multi 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/UPC	E2	E2000/UPC	E2	OM1	1	S	Orange	OR	1.8	-0.5
		FC/UPC	FC	FC/UPC	FC	OM2	2	D	Orange	OR	2	-1
		LC/UPC	LC	LC/UPC	LC	OM3			Aqua	AQ	3	-1.5
		SC/UPC	SC	SC/UPC	SC	OM4			Violet	VT		-2
		SN/UPC	SN	SN/UPC	SN	OM5			Green	GR		-3
		ST/UPC	ST	ST/UPC	ST							-5
		MTRJ/UPC	MTRJ	MTRJ/UPC	MTRJ							-7
											-10	
											-15	
											-20	
											-xxx	

##### Ordering example:

CNFJ-LCSCOM3DAQ3mm-2 – Fiber optic patch cord, LC/UPC to SC/UPC, Multi mode OM3, Duplex, Green, 3 mm, 2 meters long

#### 5.2. Multi mode fiber optic pigtails

##### 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/UPC	E2	OM1	1	P	Orange	OR	09EASY	Easy strip	-0.5
		FC/UPC	FC	OM2			Orange	OR	09TB	Tight buffered	-1
		LC/UPC	LC	OM3			Aqua	AQ			-1.5
		SC/UPC	SC	OM4			Violet	VT			-2
		SN/UPC	SN	OM5			Green	GR			-xxx
		ST/UPC	ST								

##### Ordering example:

CNFP-SCOM4PVT0.9EASY-1– Fiber optic pigtail, SC/UPC connector, Multimode OM4, Violet, Easy strip, 1 meter long