



### 1、 Description

Patchcords provides high reliability and flexibility for our customers in different industries. Our top-of-the-line fiber optic cable assembles and stringent manufacturing process ensures the excellent optical performance for our patchcords with traceable data. All patchcord can be customized in length, fiber mode and connector types to suit every single customer's requirement with our state-of-the-art production facilities.

### 2、 Features

- 100% factory tested assemblies with traceable test data , Low environmental sensitivity
- Low insertion loss , High return loss , Stricter than industry standards
- Good exchange ability and good durability , Stable optical properties
- Standard connector , Various connector option: LC、 SC、 FC、 ST、 E2000、 MU、 DIN etc.
- Compliant with IEC61754 , GR-326 , TIA/EIA 568 standard

### 3、 Specification

Fiber Type	SM ( 9/125um )		MM ( 50/125um、 62.5/125um )
Polish	UPC	APC	UPC
Insertion Loss ( typical )	≤0.30dB		≤0.30dB
Return Loss	≥50dB	≥60dB	≥20dB

3D	Radius of Curvature :10-25mm(PC/UPC) , 5-12mm(APC ) Apex offset : 0-50um High fiber : $\pm 100$ nm Angle : $8 \pm 0.2^\circ$ (APC )
Repeatability	1000 times typical change value $\leq 0.20$ dB
Interchangeability	$\leq 0.20$ dB
Cable Diamete	2.0mm、 2.4mm、 3.0mm
Jacket Material(optional)	LSZH、 OFNP、 OFNR、 PVC
Fiber Moder(optional)	G652D, G657A, G657B, OM1, OM2, OM3, OM4
Operating Temperature	-20 ~ +70 °C
Storage Temperature	-40 ~ +85 °C

#### 4、 Application

- CATV , LANs , WANs
- Telecommunication networks
- Active device termination
- Data center system networks
- Video and military active device termination
- FTTx