

## FIBER OPTIC PATCHCORD



Fiber Optic Patchcord is a fiber optic cable with connectors at either end that allow it to be rapidly and conveniently connected to many telecommunication equipment. Having a thick layer of protection, it is used to connect the optical transmitter, receiver, and the terminal box.

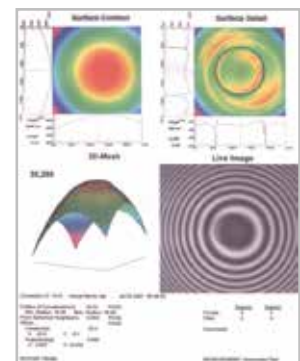
## FEATURES

- Telcordia GR326, IEC, TIA/EIA Standard Compliant
- Optical performance factory tested and endface geometry polishing controlled
- Low insertion loss and high return loss
- Complete Lines of Cable Assemblies
- RoHS Compliance

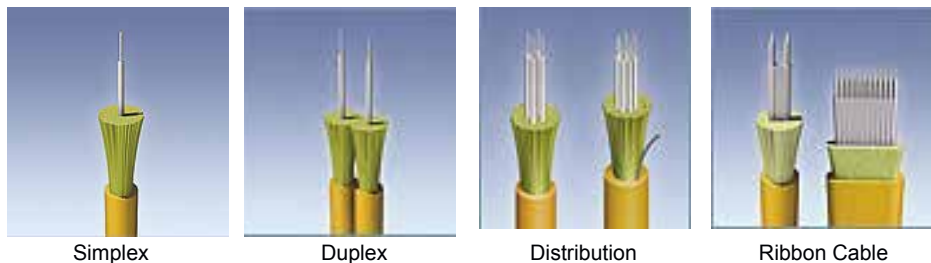
## TECHNICAL SPECIFICATION

■ Fiber Optic Performance				
Connector	FC, SC, ST, LC, MU			
Mode	Single Mode G652D, G657A			Multi Mode OM1, OM2, OM3, OM4
Endface Application	PC	UPC	APC	PC
(dB) Insertion Loss	≤ 0.3	≤ 0.2	≤ 0.3	≤ 0.3
(dB) Return Loss	≥ 45	≥ 50	≥ 65	-----
(mm) Cable Dia.	Φ3, Φ2, Φ0.9			
Vibration	≤ 0.2 dB ( 5~50Hz, 1.5mm Amplitude )			
Temp. Range	≤ 0.2 dB ( - 40°C ~ 80°C, 21 Cycles )			

● Geometric Specification of Finished End-face			
Endface Polishing		PC	APC
Radius of Curvature	SC	10 ~ 25 mm	5 ~ 12 mm
	LC	7 ~ 25 mm	5 ~ 12 mm
Apex Offset	≤ 70 μm		
Fiber Spherical Height	-90 nm (□), +50 nm (▢)		
Angular Offset	-----	8° ± 0.5° C	



### NORMAL USED CABLE

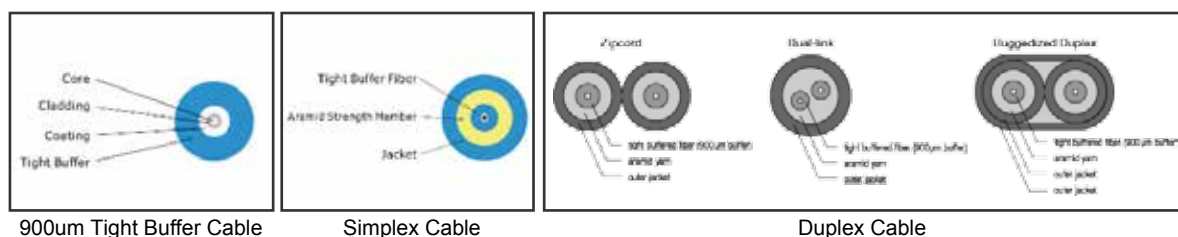


Simplex

Duplex

Distribution

Ribbon Cable



900um Tight Buffer Cable

Simplex Cable

Duplex Cable

### ORDERING INFORMATION

#### PART NUMBER:

**OUT-T-PC-1-SCP-SCP-SM-09-P-YE-01**

①    ②    ③    ④    ⑤    ⑥    ⑦    ⑧

①	Fiber core	1: Simplex; 2: Duplex
②	Connector A type	<b>SCP:</b> SC/PC; <b>SCA:</b> SC/APC; <b>FCP:</b> FC/PC; <b>FCA:</b> FC/APC etc.
③	Connector B type	<b>SCP:</b> SC/PC; <b>SCA:</b> SC/APC; <b>FCP:</b> FC/PC; <b>FCA:</b> FC/APC etc.
④	Fiber type	<b>SM:</b> 9/125; <b>M5:</b> 50/125; <b>M6:</b> 62.5/125; <b>OM:</b> OM3 50/125
⑤	Cable diameter	<b>09:</b> 0.9mm; <b>16:</b> 1.6mm; <b>20:</b> 2.0mm; <b>30:</b> 3.0mm
⑥	Cable jacket type	<b>P:</b> PVC; <b>L:</b> LSZH
⑦	Cable color	<b>YE:</b> YELLOW; <b>OR:</b> ORANGE, <b>AQ:</b> AQUA, other on request
⑧	Length (m)	<b>01 - 99</b>