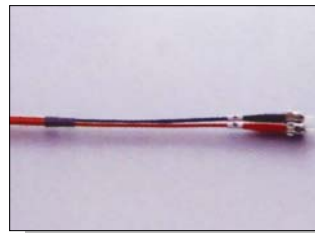


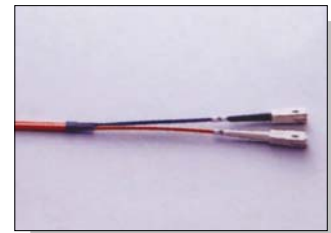
## FIBER OPTIC CONNECTOR & PATCH CORD

Alliance Fiber Optic Products provides an extensive line of high performance ST/PC, SC/PC FC/PC fiber connectors. The ST/PC connector is a keyed ceramic fiber optic connector that uses a bayonet-type ramped-latching mounting arrangement. The SC/PC, FC/PC connector features a patented NOD spacer element for greater reliability.

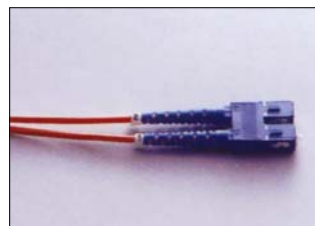
The EMC optic connectors offer superior performance with superior repeatability is fully intermatable with all standed optic connector product and delivers very high stability under a range of application conditions. It features a domed zirconia ferrule and utilizes a PC polish to ensure fiber to fiber physical contact for low loss and low reflections and in creased easy of assembly. EMC optic connector are available in either a premium metal or polymer body construction It can mount on either 0.9mm buffered fibers or 1.8mm or 2.4mm or 3.0mm or 3.5mm zip cord series cordage. It is available in both Multimode and Singlemode. EMC alliance fiber optic connectors are designed to comply with EIA/TIA 455 and 604 and Bellcore 326 standards for performance and reliability.



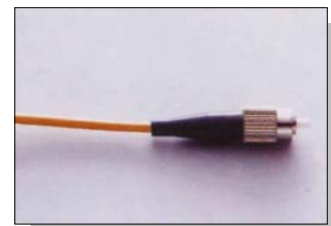
ST / PC



SC / PC



SC / PC



FC / PC

### Features

- Precision preradiused zirconia ferrule
- Fixed key or adjustable key versions
- Metal or polymer body construction
- Low back reflection
- Metal bayonet design
- Patented NOD spacer element
- Superior repeatability
- Multimode and singlemode options

### Applications

- Local Area Networks
- CATV Distribution Networks
- CCTV Distribution Networks
- SONET Networks
- Point to Point Systems
- Wide Area Networks
- Test Instruments

### Distributor

### Ordering Information

T	T	003	- 6	1
Connector Type	Length	6:62.5/125	1:1 Fiber	
T : ST/PC T/A:ST/APC		5:50/125	2:Dulpex Fiber	
C : SC/PC C/A:SC/APC		9:9/125	3: Dual Jacket	
F : FC/PC F/A:FC/APC				
J : MTRJ				
L : LC				
A : SMA				

### Specifications

Item	Multimode Zirconia Ferrule	Singlemode Zirconia Ferrule
Insertion Loss	<0.2 dB Typical 0.5 dB Maximum	<0.2 dB Typical 0.5 dB Maximum
Backreflection	-25 dB Typical	-35 dB PC Polish -45 dB Super PC -55 dB Ultra PC
Connector Repeatability (500 reconnects)	<0.1 dB	<0.1 dB
Operating Environment	-40°C to +85°C	-40°C to +85°C
Temperature Cycling (loss variation)	Insertion Loss <0.1 dB Return Loss <5 dB	Insertion Loss <0.1 dB Return Loss <5 dB
Vibration (loss variation)	Insertion Loss <0.1 dB Return Loss <5 dB	Insertion Loss <0.1 dB Return Loss <5 dB
Cable Retention	> 80 lb	> 80 lb
Cable Retention (loss variation)	Insertion Loss <0.1 dB Return Loss <5 dB	Insertion Loss <0.1 dB Return Loss <5 dB