



## SC-ST UPC Fiber Optic Patch Cord

Avalon SC-ST fiber optic patch cord is ideal for a wide range of applications where back reflection must be kept to a minimum. The connector has a UPC or "Ultra Physical Contact" polish on the fiber optic connector end faces. They come with different connector combinations in single mode such as SC-LC, SC-ST, SC-FC, SC-MU types and custom design SC fiber optic cable assemblies.

### Features

- Compliant with TELCODIA GR-326-Core
- Compliant with JIS C-5973, IEC,TIA/EIA 568-B.3
- Optical performance 100% factory tested Minimum loss



### Applications

- Telecommunication Networks
- LAN
- CATV Networks
- Active Device Termination
- Data System Networks

### Specification

Characteristics	Conditions	Value
Insertion Loss Return Loss	Against Reference Connector	< 0.2 dB
	SPC	> 40 dB
	UPC	> 50 dB
	APC	> 60 dB
Durability	1000 Matings	< 0.2 dB
Temperature Cycling	-40 — +80 degrees Celsius (42 Cycles)	< 0.2 dB
Humidity Cycling	75 degrees Celsius, 95%/336hr	< 0.2 dB
Vibration	10 — 55 HZ ( 2 hours)	< 0.2 dB
Flex Test	0 to 90 degrees to 0 to 90, 5kgf (100 cycles)	< 0.2 dB
Twist Test	0.9mm :0.75kgf, 2.0mm:1.53 kg	< 0.2 dB
Straight Pull Test	100 N Load	< 0.2 dB
Impact	1,5m drop, 8 times	< 0.2 dB

### Ordering information

Part Number*	Description
AN-PCO9SCSTS00X-YY	SC- ST Singlemode Fiber Patch Cord

\* Replace "X" with 1, 2, 3..10.....30 meters.

\* Replace "YY" with either SP (Simplex) or DP (Duplex)