



ST UPC Fiber Optic Patch Cords

Avalon ST fiber optic patch cord has a UPC or Ultra Physical Contact polish on the connector end faces. This polish results in a highly radius domes end face surface that optimizes physical contact between the mated fiber optic cores. The Patch Cords come with different connector combinations such as ST-ST, ST-LC, ST-SC, ST-FC, ST-MU, ST-MTRJ, ST-E2000, optic fiber patch cables and optic fiber jumper cables, custom design types include single mode 9/125, multimode 50/125, multi-mode 62.5/125, simplex, and duplex.

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

Multi-mode Fiber Patch Cords

Part Number	Description
ST Patch Cords	
AN-PCXXSTSCMXXX	ST-LC Multimode Fiber Patch Cord
AN-PCXXSTSTMXXX	ST-ST Multimode Fiber Patch Cord
AN-PCXXSTFCMXXX	ST-FC Multimode Fiber Patch Cord
AN-PCXXSTMJMXXX	ST-MTRJ Multimode Fiber Patch Cord
AN-PCXXSTSCMXXX	ST-SC Multimode Fiber Patch Cord

* Replace PCXX with PC62 for 62.5/125, PC50 for 50/125, MXXX with 001,002,003 meters.

Single Mode Fiber Patch Cords

Part Number	Description
ST Fiber Patch Cord	
AN-PCO9STLCSXXX	ST-LC Singlemode Fiber Patch Cord
AN-PCO9STSTSXXX	ST-ST Singlemode Fiber Patch Cord
AN-PCO9STFCSXXX	ST-FC Singlemode Fiber Patch Cord
AN-PCO9STMJSXXX	ST-MTRJ Singlemode Fiber Patch Cord
AN-PCO9STSCSXXX	ST-SC Singlemode Fiber Patch Cord

* Replace SXXX with 001,002, 003, 005, 010 meters, 015 meters etc.