

## LC-SC UPC LSZH Fiber Patch Cord

Avalon LC-SC UPC LSZH fiber optic patch cord is available in both simplex and duplex single-mode versions and is fully inter-mateable with NTT-FC products. This fiber patch cord comes with Zirconia ceramic ferrules with pre-polished UPC profiles and convex spherical ends. These end face types allow for faster polishing and low back reflection and low optical loss, while ensuring maximum repeatability.

### Features

- Compliant with TELCORDIA GR-326-Core
- Compliant with JIS C-5973, IEC,TIA/EIA 568-B.3
- Optical performance 100% factory tested with 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
	UPC	> 50 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
ANPC-SM-LC-SC-YY-ZMT	Avalon LC-SC UPC Singlemode LSZH Fiber Patch Cord

\* Replace YY with SP for Simplex or DP for Duplex and Z with 1, 2, 3.....10.....30 meters etc.