



FC-LC UPC Fiber Optic Patch Cord

Avalon FC-LC UPC fiber optic patch cord is available in both simplex and duplex versions and is fully inter-mateable with NTT-FC products. Both single-mode and multimode versions FC fiber patch come with a Zirconia ceramic ferrule with pre-polished UPC profile and convex spherical end. These end face types allow for faster polishing and low back reflection and optical loss, while ensuring maximum repeatability.

Features

- Compliant with TELCODIA 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
	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-PCO9FCLCS00X-YY	FC-LC Singlemode Fiber Patch Cord

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

* Replace "YY" with SP for Simplex or DP for Duplex