



## LC APC Fiber Optic Connectors

Avalon APC Fiber Connectors polishes the fiber at either an 8 or 9 degrees angle with a radius of curvature between 5 and 12mm. Through angle polishing the end of the fiber, one ensures that the reflection at the fiber —air interface is not captured by the fiber core. This reduces the reflection level in the fiber optic system, and reduces feedback problems.

### Features

- Compliant with TIA/EIA-568-B,3
- Compliant with ISO/IEC 11801 OS1
- Jacketed cable compliant with UL 1666 flame rating
- polished end faces (65dB minimum return loss)



### Applications

- HDTV
- Local Area Network
- CATV networks
- Active Device termination
- Data System networks

### Specification

| Characteristics     | Conditions          | Value |
|---------------------|---------------------|-------|
| Insertion Loss      |                     | < 0.2 |
| Mating Durability   | 500 Times           | < 0.2 |
| Temperature Cycling | -40 — + 85          | < 0.2 |
|                     | (42 Cycles)         | < 0.2 |
| Humidity Cycling    | 75                  | < 0.2 |
|                     | 95% / 336hr         | < 0.2 |
| Vibration           | 10 — 55 Hz ( 2 Hrs) |       |
| Impact              | 1.5m drop, 8 Times  | < 0.2 |

### Ordering Information

| APC Part Number   | Description             |
|-------------------|-------------------------|
| AN- CNSMLC3MM/APC | LC Connector Singlemode |
| AN-CNMLC3MM/APC   | LC Connector Multimode  |