



## FC 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 Time	< 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-CNSMFC3MM/APC	FC Connector Singlemode
AN- CNMMFC3MM/APC	FC Connector Multimode