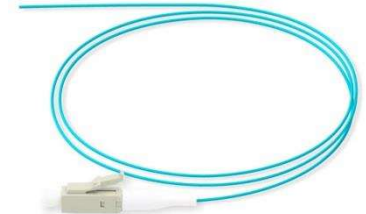


## LC OM4 Multimode Fiber Optic Pigtail

Avalon LC OM4 optical fiber system is the pinnacle of multimode fiber design that allows the new VCSEL based hardware and old legacy LED's to co-exist over the system. The 50/125 pigtails are designed to utilize VCSEL lasers in 850nm window to allow a transmission speed for up to 10 Gigabit per second over a greater distance. This has a 0.9mm fiber optic cable diameter that is usually installed inside the ODF unit.

### Features

- Fully compatible with 50/125 multimode fiber applications.
- Used both LED and VCSEL laser light sources
- Designed for 10 Gigabit Ethernet application
- Factory Terminated 100 % optically tested for superior performance



### Applications

- 10 gigabit Ethernet
- Campus Networking
- Data Storage Connections
- Networks Industrial, Mechanical and Military

### Specification

Parameter	Condition	Min	Typical	Max
Insertion Loss			< 0.15	< 0.30
	SPC	> 40	> 45	
	UPC	> 50	> 55	
Return Loss	APC	> 60	> 65	
				< 0.20
Mating Durability	1,000 times			< 0.20
Temperature Cycling	-400 — + 850			< 0.20
Humidity Cycling	750, RH 95%			< 0.20
Vibration	10-55Hz [3 Axis]			< 0.20
Impact	1.5m drop, 8 times			< 0.20

### Ordering information

Part Number *	Description
ANPT-OM4-LC-1MT	LC OM4 Multimode LSZH Pigtail , 1 meter