

SC OM3 Pigtail

Avalon SC OM3 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	
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-OM3-SC-LSZH-1MT	OM3 SC Multimode LSZH Pigtail , 1 meter