ST OM3 10GB Laser Optimized Pigtails

Avalon ST 0M3 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.It has 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	Value [dB] 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
AN-OM3PST**X.X**	ST 0M3 50/125 Pigtail

* Replace "**X.X**" with 1.5 or 2.5 meters