



## SC-FC OM3 Multimode Fiber Optic Patch Cord

Avalon OM3 laser-optimized 50/125um multi-mode fiber patch cords are used for systems with high bandwidth .OM3 patch cable systems are the pinnacle of multimode fiber design. It allows for new VCSEL based hardware and old legacy LED based hardware to co-exist over the system that provides migration path through 1Gbs to 10Gbs.

### Features

- TELCODIA GR-326-Core, JIS C-5973, IEC
- Cable Diameter at maximum 5.5mm
- Core Size: 10Gb 50/125um
- Cable Diameter: 0,9mm / 2.0mm / 3.0mm
- Polish: UPC
- Segmented boot for bend strain relief
- Support 10 Gigabit data transmitting rates
- Used with both LED and VCSEL laser light sources



### Applications

- Telecommunication Networks
- LAN,WAN ,CATV Networks
- FTTX,FTTH
- Fiber Communication Systems , Data Processing Networks,
- Industrial, Military etc

### Specification

		Value [dB]		
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	-40° — + 85°			< 0.20
Humidity Cycling	75°, 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-OM3 SCFC10G0X-YY	SC-FC OM3 Fiber Patch Cord

\* Replace "X" with 1, 2, 3..10.....30 meters.

\* Replace "YY" with either SP (Simplex) or DP (Duplex)