OM3 10 Gigabit Laser Optimized Patch Cords

Avalon 0M3 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: PC
- Segmented boot for bend strain relief
- Support 10 Gigabit data transmitting rates
  Used with both LED and VCSEL laser light sources
- Available in simplex or duplex with a wide variety of connectors

Applications

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

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	-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
LC 0M3 Patch Cords	
AN-0M3LCLC1OGXX	LC-LC 10 GIG Fiber Patch Cord
AN-0M3LCST1 OGXX	LC-ST 10 GIG Fiber Patch Cord
AN-0M3LCFC10GXX	LC-FC 10 GIG Fiber Patch Cord
AN-0M3LCMJ10GXX	LC-MTRJ 10 GIG Fiber Patch Cord
AN-0M3LCSC1OGXX	LC-SC 10 GIG Fiber Patch Cord
SC 0M3 Patch Cords	
AN-0M3SCSC1 OGXX	SC-SC 10 GIG Fiber Patch Cord
AN-0M3SCST1 OGXX	SC-ST 10 GIG Fiber Patch Cord
AN-0M3SCFC1 OGXX	SC-FC 10 GIG Fiber Patch Cord
AN-0M3SCMJ10GXX	SC-MTRJ 10 GIG Fiber Patch Cord
AN-0M3LCSC1 OGXX	LC-SC 10 GIG Fiber Patch Cord
ST 0M3 Patch Cords	
AN-0M3STST10G)0(	ST-ST 10 GIG Fiber Patch Cord
AN-0M3LCST1 OGXX	ST- LC 10 GIG Fiber Patch Cord
AN-0M3STFC1 OGXX	ST-FC 10 GIG Fiber Patch Cord
AN-0M3STMJ1 OGXX	ST-MTRJ 10 GIG Fiber Patch Cord
AN-0M3STSC1 OGXX	ST-SC 10 GIG Fiber Patch Cord
FC 0M3 Patch Cords	
AN-0M3FCFC1 OGXX	FC-FC 10 GIG Fiber Patch Cord
AN-0M3LCFC1 OGXX	FC-LC 10 GIG Fiber Patch Cord
AN-0M3STFC1 OGXX	ST-FC 10 GIG Fiber Patch Cord
AN-0M3FCMJ10GXX	FC-MTRJ 10 GIG Fiber Patch Cord
AN-0M3FCSC1OGXX	FC-SC 10 GIG Fiber Patch Cord

* Replace XX with 01, 02….10, 15,… 30 meters etc.