

Specification:

Fiber Connector Performance Specification:

Connector Type	FC, SC, LC, ST, MU, MTRJ			
Fiber Type	SM(G.652D/G.657A)			MM(OM1/OM2/OM3/OM4)
Ferrule End-face	PC	UPC	APC	UPC
Insertion Loss	≤0.2dB	≤0.2dB	≤0.3dB	≤0.3dB
Return Loss	≥50dB	≥55dB	≥60dB	≥35dB
Exchangeability	≤0.2dB			
Repeatability	≤ 0.1dB(1000 times)			
Durability	> 1000 times			
Operating Temperature	-40°C ~ +85°C			

Fiber Cable Performance Specification:

Fiber type	Min. Bandwidth	Distance	Attenuation
62.5/125	850/1300nm 200/500 MHz/Km	@100Mbps 2km @1Gig 220m	850/1300nm 3.0/1.0dB/km
50/125	850/1300nm 500/500 MHz/Km	@100Mbps 2km @1Gig 500m	850/1300nm 3.0/1.0dB/km
50/125 10Gig Optimized	850/1300nm 2000/500 MHz/Km	@100Gig Varies by VCSEL typical 300m 2850nm	850/1300nm 3.0/1.0dB/km
9/125	1310/1550nm Approx 100 Terahertz	Up to 100km Varies by transceiver	1310/1550nm 0.4/0.3dB/km

Order Information:

LC/UPC-FC/UPC-SM-SX-3.0mm-1M														
LC	/	UPC	—	FC	/	UPC	/	SM	—	SX	/	2.0	—	3M
1		2		3		2		4		5		6		7
1	Connector#1:	LC,SC,FC,ST,DIN,D4,MU,MTRJ,etc.												
2	Lapping Way:	UPC&APC (For MTRJ, F=Female, M=Male)												
3	Connector#2:	LC,SC,FC,ST,DIN,D4,MU,MTRJ,Pigtail,etc.												
4	Cable Type:	SM(9/125μm) ,MM(50/125μm & 62.5/125μm), OM3, OM4												
5	Fiber Number:	SX(Simplex) or DX(Duplex), 2/4/6/8 core...												
6	Cable Diameter:	2.0=Ø2.0mm, 3.0=Ø3.0mm, 0.9=Ø0.9mm, etc.												
7	Cable Length:	3m(Length in meter)												