

Multimode 50µm OM4 Fiber









Features:

- ANSI/TIA-568.D-3
- 50/125um OM4 Fiber

Technical Specifications:

Characteristics	Operation	Specified Values	Units
Optical Characteristics			
Attenuation	850nm 1300nm	<2.3 <0.6	[dB/km] [dB/km]
OFL Bandwidth	850nm 1300nm	>3500 >500	[MHz.km] [MHz.km]
Effective Modal Bandwidth ¹²	850nm 1300nm	>4700 >500	[MHz.km] [MHz.km]
Application support distance on	10 Gigabit Ethernet SX 850nm Gigabit Ethernet SX 850nm Gigabit Ethernet LX 1300nm	550 1000 600	[m] [m] [m]
Group Index of Refraction	850nm 1300nm	1.482 1.477	
Geometrical Characteristics			
Core Diameter		50±2.5	[µm]
Cladding Diameter		124.8±1.0	[µm]

Connector Alternatives:

 <p>ST Connector</p>	 <p>SC Connector</p>	 <p>LC Connector</p>
 <p>FC Connector</p>	 <p>MTRJ Connector</p>	 <p>SC/APC Connector</p>
 <p>LC/APC Connector</p>		

Ordering Information:

Example	A	B	C	D	E	F	G	
100601D:		100		6		01	D	
	See chart below			MM / SM	Length in mt		D=Duplex S=Simplex	
				6=MM 50um OM4				
	ABC							
		ST	SC	LC	FC	MTRJ	SC/APC	LC/APC
	ST	100	101	102	103	104	105	106
	SC	101	110	111	112	113	114	115
	LC	102	111	120	121	122	123	124
	FC	103	112	121	130	131	132	133
	MTRJ	104	113	122	131	140	141	142
	SC/APC	105	114	123	132	141	150	151
	LC/APC	106	115	124	133	142	151	160
	Pigtails	109	119	129	139	149	159	169