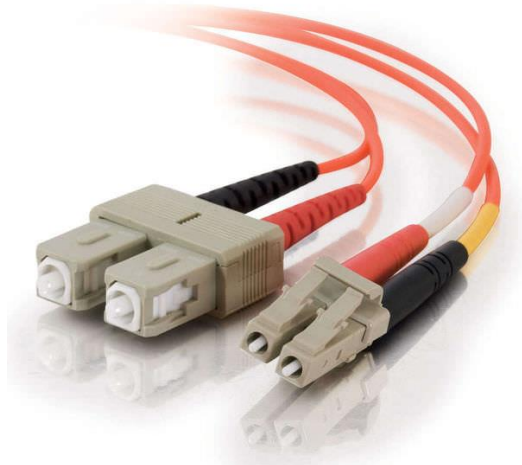


Multimode 62.5 μ m Om1 Fiber



Features:

- ANSI/TIA-568.D-3
- 62.5/125 μ m Fiber

Technical Specifications:

Optical Specifications				
Attenuation Coefficient	850 nm	≤ 2.6	≤ 2.7	dB/km
	1300 nm	≤ 0.5	≤ 0.6	dB/km
Numerical Aperture	0.275 \pm 0.015			
Chromatic Dispersion				
Zero Dispersion Wavelength	1320 nm $\leq \lambda_0 \leq$ 1365 nm			nm
Zero Dispersion Slope	1320 nm $\leq \lambda_0 \leq$ 1348 nm	0.11		ps/nm ² .km
	1348 nm $\leq \lambda_0 \leq$ 1365 nm	0.001 (1458 - λ_0)		ps/nm ² .km
Overfilled Modal Bandwidth ^{1,2}	850 nm	≥ 160 to ≥ 300		MHz.km
	1300 nm	≥ 500 to ≥ 1000		MHz.km
Bending Loss	100 turns, D=75 mm; 850nm / 1300nm	≤ 0.5		dB
Backscatter Characteristics ³				
Point Discontinuity ⁴	850 nm, 1300 nm	≤ 0.1		dB
Irregularities over fibre length	850 nm, 1300 nm	≤ 0.1		dB
Reflections	λ	Not allowed		
Group Index of Refraction (Typ.)	850 nm	1.496		
	1300nm	1.491		
Geometrical Specifications				
Core Diameter	62.5 \pm 2.5			μ m
Core Non-Circularity	≤ 5			%
Core/Cladding Concentricity Error	≤ 1			μ m

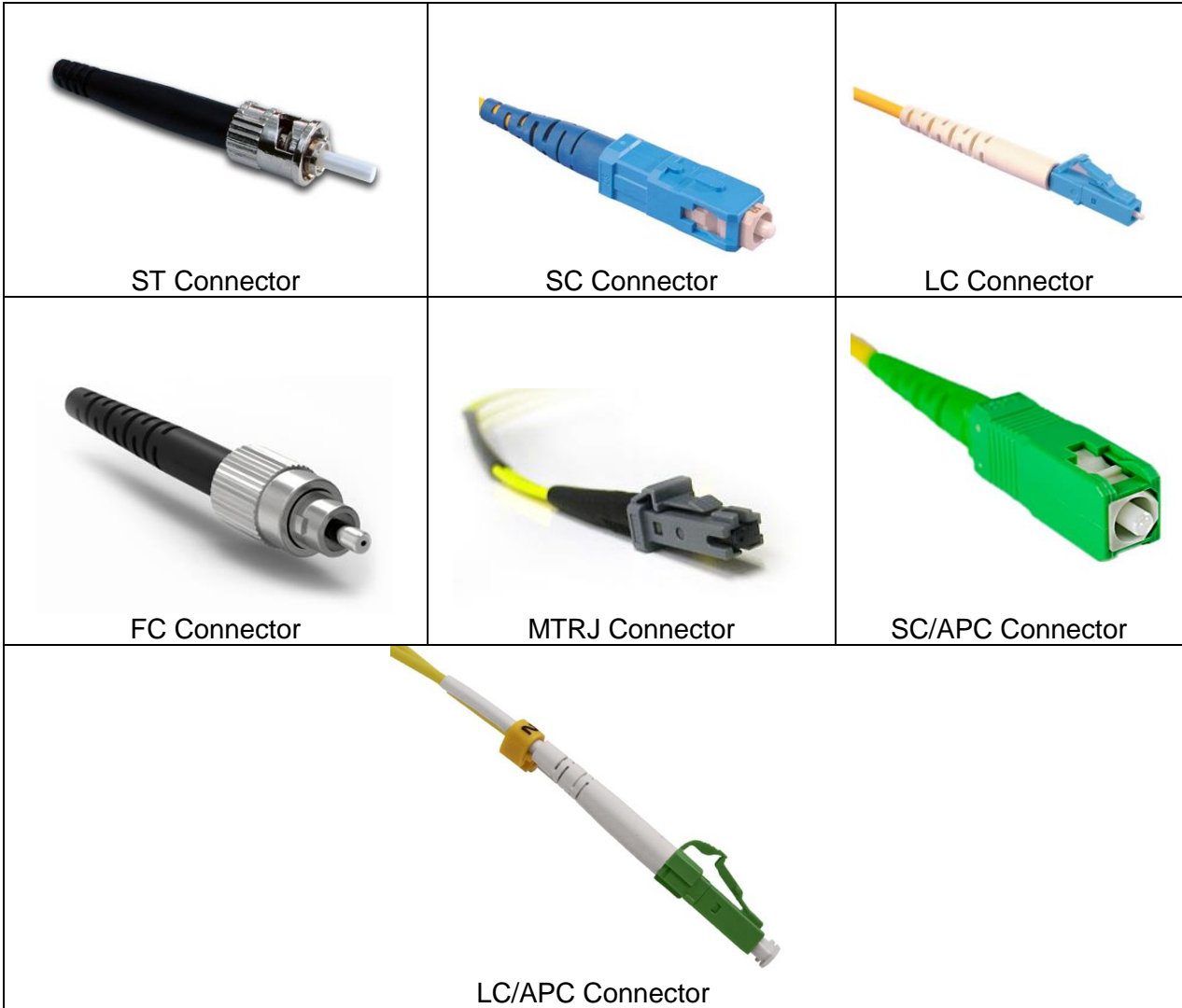
NEWLINK

Cabling Systems

MM 62.5 OM1 Fiber

Cladding Diameter		125.0 ± 1.0	µm
Cladding Non-Circularity		≤ 0.7	%
Coating Diameter		242 ± 5	µm
Coating Non-Circularity		≤ 5	%
Coating/Cladding Concentricity Error		≤ 10	µm

Connector Alternatives:



Ordering Information:

Example	A	B	C	D	E	F	G	
100101D:	100	100		1		01	D	
	See chart below		MM / SM			Length in mt		D=Duplex S=Simplex
			1=MM 62.5um					
	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