

Fiberdyne Labs, Inc. Multimode Fiber Minimum Specifications

Fiberdyne Part Number	Fiber Type	Standard Compliance	Jacket Color	Maximum Attenuation (dB/km)		Transmission Distance (Length in Meters)				Minimum Modal Bandwidth (MHz/km)		Effective Modal Bandwidth (MHz/km)
				850nm	1300nm	1GB/S	10GB/S	40GB/S	100GB/S	OFL 850nm	OFL 1300nm	
<b>Designator</b>	Core/Cladding		<b>(Typical)</b>									850nm
B1, B2, B3, B4	62.5/125	OM1	Orange	2.7	0.6	300	33	N/A	N/A	200	600	N/A
C1, C2, C3, C4	50/125	OM2	Orange	2.3	0.6	600	82	N/A	N/A	500	500	N/A
Q1, Q2, Q3, Q4	50/125	OM3	Aqua	2.3	0.6	1000	300	100	100	1500	500	2000
T1, T2, T3, T4	50/125	OM4	Aqua	2.3	0.6	1100	550	150	150	3500	500	4700

62.5/125 Graded Index Multimode Fiber complies with or exceeds ISO/IEC11801 OM1 specification, IEC60793-2-10 type A1b Optical Fiber Specification, and TIA/EIA-492AAAA-A detail specification

50/125 Graded Index Multimode Fiber complies with or exceeds ISO/IEC 11801 OM2 specification, IEC 60793-2-10 type A1a.1 Optical Fiber Specification, and TIA/EIA-492AAAB-A detail specification

50/125 Laser Optimized OM3/OM4 Multimode Fibers comply with or exceed ISO/IEC OM3/OM4 specification, IEC60793-2-10 type A1a.2 and A1a.3 (in preparation) Optical Fiber Specification and TIA/EIA-492AAAC/492AAAD detail specification