

CORNING

Corning Fiber Specification

Corning Multi-Mode (62.5um) Mid Temperature Acrylate Specialty Fiber

Corning Part #	Corning Description:	Unit of Measure
0368220000	Corning MM62.5-XMT Fiber	m
0368220002	Corning MM62.5H-XMT Fiber	m
0368330000	Corning MM62.5-XMT-H Fiber	m
0368330002	Corning MM62.5H-XMT-H Fiber	m

Key Optical Specifications:

Maximum Attenuation @ 850 nm*	3.5 dB/km
Maximum Attenuation @ 1300 nm*	1.0 dB/km
OFL Bandwidth @ 850nm^	200 MHz/km
OFL Bandwidth @ 1300nm^	500 MHz/km
Numerical Aperture	0.275 ± 0.015

^ Best Effort at this time

Key Geometric, Mechanical and Environmental Specifications:

Core Diameter	62.5 ± 2.5
Cladding Outside Diameter	125 ± 2.0 µm
Coating Outside Diameter	245 ± 10 µm
Core-to-cladding Concentricity	≤ 1.5 µm
Proof Test	100 or 200 kpsi
Operating Temperature Range	-60 to 180 °C
Coating	Mid temperature Acrylate (w/ or w/o Hermetic layer)

*Note:

For attenuation measurement, the fiber is wound with LOW tension onto a large diameter (33 cm) measurement spool to provide a measurement condition which will minimally influence the accuracy of the measurement result.

Description Explanation:

Corning MM62.5 (<i>Hermetic Indicator</i>)-XMT-(<i>High Proof Test Indicator</i>) Fiber	
MM62.5-XMT	62.5um Graded Index Multimode fiber with 180°C coating, 100 kpsi
MM62.5H-XMT	62.5um Graded Index, Multimode fiber with hermetic layer, 180°C coating, 100 kpsi
MM62.5-XMT-H	62.5um Graded Index Multimode fiber with 180°C coating, 200 kpsi
MM62.5H-XMT-H	62.5um Graded Index, Multimode fiber with hermetic layer, 180°C coating, 200 kpsi