

Graded Index Multimode Fiber

Applications

- Fiber sensor and laser transmission
- Data communications, local-area networks, CATV
- Medical equipment
- Optical devices and connectors

Characteristics

- High coupling efficiency to LED and laser sources
- High power transmission
- Low attenuation and high bandwidth



Specifications

Part Number	2002-200	2002-230
Geometric Properties		
Core Diameter (µm)	200±4	230±5
Cladding Diameter (µm)	220±3	250±5
Coating Diameter (µm)	500±20	500±20
Core/Cladding Offset (µm)	≤3	≤3
Optical Properties		
Numerical Aperture	0.22±0.02	0.22±0.02
Attenuation @ 850nm (dB/km)	≤6.0	≤5.0
Mechanical Properties		
Proof Test Level (kpsi)	100	100
Material Composition		
Core	Ge/F Doped silica Glass	
Cladding	Pure Silica Glass	
Coating	Dual-layer UV-Acrylate	