

MULTI MODE MID INFRARED (MIR) FIBERS



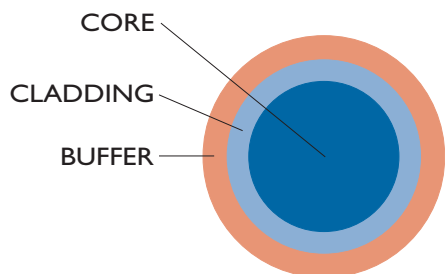
OPERATING SPECTRAL RANGE: 300-4500 NM FOR UV/VIS/NIR/MIR

FEATURES

- Useful transmission range from 300 nm to 4500 nm
- Excellent spectral uniformity
- High laser damage threshold
- Ideal for Holmium and Erbium laser delivery
- Sterilizable by ETO, e-beam, gamma radiation
- High clad to core ratios available for high efficiency bundles

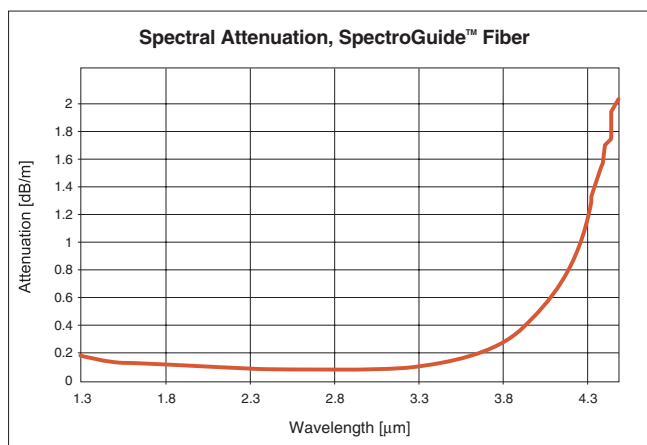
FIBER PROPERTIES

- Step index profile
- Clad/core ratio: from 1.1 to 2.0
- Core diameter: 50 to 700 μm
- Proof test: over 70 kpsi
- Numerical aperture: 0.10 to 0.22



APPLICATIONS

- Remote spectroscopy
- Chemical sensing
- Medical diagnostics
- Laser beam delivery
- FLIR
- Pyrometry



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