

## High Temperature Polyimide Fiber

### Applications

- Sensors
- High-precision materials processing
- Laser Transmission

### Characteristics

- Excellent optical properties
- 100kpsi proof test
- Customized sizes and profiles available



Specifications	
Part Number	1121-155
Optical Properties	
Mode Field Diameter @1310nm (μm)	9.2±0.4
Mode Field Diameter @1550nm (μm)	10.4±0.8
Fiber Cut-off Wavelength (nm)	1180-1330
Attenuation @1310nm (dB/km)	≤0.8
Attenuation @1550nm (dB/km)	≤0.6
Geometric Properties	
Cladding Diameter (μm)	125 ± 2.0
Coating Diameter (μm)	155 ± 15.0
Cladding Non-Circularity (%)	≤1.0
Core/Cladding Offset (μm)	≤0.8
Coating/Cladding Offset (μm)	≤12
Environmental and Mechanical Properties	
Proof Test Level (kpsi)	100
Operating Temperature Range (°C)	-65 to 300
Coating Material	Polyimide