



HI980-J9

Description

Thorlabs' high-performance fibers were designed for applications that require low attenuation and higher resistance to radiation and color center formation compare to germanium-doped fibers. These fibers are suitable for applications such as RGB components requiring couplers, and diode pigtailed.

Specifications

Geometrical & Mechanical	
Cladding Diameter	125 ± 0.5 μm
Coating Diameter	245 ± 10 μm
Core to Cladding Offset	≤0.3 μm
Operating Temperature	-60 to 85 °C
Proof Test Level	200 kpsi

Optical	
Numerical Aperture (nominal)	0.20
Attenuation	≤2.5 dB/km @ 980 nm
Operating Wavelength	980 - 1550 nm
Cut-Off Wavelength	930 ± 50 nm
Mode Field Diameter	4.2 ± 0.3 μm @ 980 nm
Typical Bend Loss @ 1550 nm*	≤0.1 dB

*5 turns at 10 mm radius

