

Single Mode Fiber with Ø900 µm Hytrel Jacket



HI1060-J9

Description

Thorlabs' single mode HI1060-J9 fiber jacketed with Ø900 µm yellow Hytrel tubing provides outstanding consistency and uniformity. It features a dual acrylate coating that leads to superior mechanical robustness and excellent protection from microbend-induced attenuation. It is commonly used as component fiber for EDFAs, couplers, circulators, attenuators, and other DWDM components. Note: The HI1060-100 fiber is 100 m of the HI1060-J9 fiber.

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
Jacket	Ø900 µm Hytrel



Optical	
Numerical Aperture (Nominal)	0.14
Attenuation	2.1 dB/km @ 980 nm 1.5 dB/km @ 1060 nm
Operating Wavelength	980 - 1650 nm
Cut-Off Wavelength	920 ± 50 nm
Mode Field Diameter	5.9 ± 0.3 µm @ 980 nm 6.2 ± 0.3 µm @ 1060 nm