

1403 Fiber Spool

SMF2002



HI1060 Fiber

HI1060 fiber is manufactured with patented outside vapor deposition process which provides outstanding consistency and uniformity, and dual acrylate coating system which provides excellent protection from microbend-induced attenuation. It also has high core index of refraction, efficient coupling and high numerical aperture. It can be used in photonic products and fused fiber couplers, component fiber for EDFAs, couplers, other DWDM components and laser diode pigtail.

FEATURES

- Outstanding Consistency and Uniformity
- Excellent Protection from Microbend-induced Attenuation
- Excellent Geometry Control
- High Core Index of Refraction
- High Numerical Aperture
- Efficient Coupling

USE IN

- Photonic Products and Fused Fiber Couplers
- Laser Diode Pigtails
- Component Fiber for EDFAs, Couplers, Other DWDM Components

Attenuation	2.1 dB/km max.@980 nm 1.5 dB/km max.@1060 nm
Cutoff Wavelength	920±50 nm
Mode-field Diameter	5.9±0.5 μm@980 nm, 6.2±0.5 μm@1060 nm, 9.9±0.5 μm@1550 nm
Cladding Outside Diameter	125±1 μm
Coating Outside Diameter	245±10 μm
Core-to-cladding Offset	0.5 μm max.
Band Loss@1550 nm	0.1 dB max.
Operating Temperature	-60°C to +85°C
Nominal Delta	0.45%
Numerical Aperture	0.14 typ.
Standard Lengths	1, 2, 5 Km
Proof Test	100, 200 kpsi min.