sales@wdmquest.com
www.wdmquest.com

1408 PM Fiber

PMF1001

PM98-U40D

The fiber is designed for today's most advanced networks. Optimized for use at 980 nm, these fibers are used in all PM applications for data and telecom. The bend insensitive versions of our fibers offer the lowest bend loss and extinction ratios at small bend diameters enabling our customers to reduce package sizes. Available in 400 micron coating diameters and prooftested to 100 kpsi.

FEATURES

- Extremely High Birefringence
- Excellent PM Properties
- SM Designs from 400 nm to 1550 nm
- Dual-layer UV Acrylate and 900 mm Polyester-elastomer Coatings Available
- Low Attenuation
- Low Sensitivity to Bending-induced Attenuation
- Low Splice Loss
- Panda PM Fibers Available

USE IN

- High Performance Transmission Laser Pigtails
- Polarization-based Modulators
- High Data Rate Communications Systems
- Polarization-sensitive Components
- Raman Amplifiers
- Fiber Optic Sensors, Gyroscopes and Instrumentation

Operating Wavelength	980 nm
Cutoff Wavelength	870 nm to 950 nm
Attenuation	2.5 dB/km max.
Mode Field Diameter	6.6±0.5 μm
Beat Length Range	1.5 mm to 2.7 mm
Cross Talk	-40.0 dB max. at 4 m; -30.0 dB typ. at 100 m
Cladding Diameter	125±1 μm
Coating Diameter	400±15 μm
Core/Clad Offset	0.50 μm max.
Operating Temperature	-40°C to 85°C
Standard Lengths	100 m, 200 m, 300 m, 400 m, 500 m, 1 Km
Proof Test	100 kpsi (200 kpsi Optional)