

1408 PM Fiber

PMF1006



PM1017-F

The fiber is designed for today's most advanced networks. Optimized for use at 1550 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.

FEATURES

- Excellent Birefringence Matching Properties
- Excellent PM Properties
- Excellent Polishing Properties
- Tight Geometric Tolerances
- Low Bending-induced Attenuation
- Tight Tolerance, Dual-layer, and Uv-acrylate Coating
- High Environmental Stability and Reliability

USE IN

- Pigtail to LiNbO3 FOG Chip (IOC)
- PM Fused-fibre Couplers
- Polarization-sensitive Components
- High Performance Transmission Laser Pigtails
- Polarization-based Sensors

Operating Wavelength	1550 nm
Cutt-off Wavelength	1290 nm to 1520 nm
Normalized Cross Talk	-30.0 dB max.
Cladding Diameter	80.0±1.0 µm
Core Diameter	6.5±1.0 µm
Beat Length	2.4 mm to 4.5 mm
Attenuation	1 dB/km max.
Coating Diameter	170.0±7.0 µm
Core/Clad Offset	1.00 µm max.
Coating Material	Dual Layer; UV-Acrylate
Operating Temperature	-45°C to 85°C
Proof test Level	100 kpsi min.