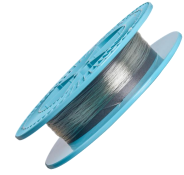


0403 Other Accessories

PMF1010



PM85 U40D Fiber

The fiber have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Its PANDA fibers have a universal quality with not only low polarization-crosstalk and low attenuation, but also the broad suitability for fusion-splice or optical connector.

FEATURES

- Excellent Polarization Maintaining Properties
- Low Attenuation
- SM Designs from 400 nm to 1550 nm
- Dual-layer UV Acrylate and 900 nm Polyester-elastomer Coatings Available
- Extremely High Birefringence
- 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

Mode Field Diameter	5.5±0.5 μm @ 850 nm
Concentricity Error	0.5 μm max.
Cladding Diameter	125±1 μm (Major Diameter)
Attenuation	3.0 dB/Km max. @ 850 nm
Cutoff Wavelength	0.65 μm to 0.80 μm
Polarization Crosstalk	-30 dB/100 m max. @ 850 nm
Beat Length	1.0 mm to 2.0 mm @ 850 nm
Minimum Bending Radius	1% Proof: R30 mm (Standard); 2% Proof: R20 mm Available
Coating Structure	UV Curable Acrylate
Coating Diameter	400±15 μm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 μm, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.