

1402 PM Fiber



PMF1007

PLMA-GDF-10/125-M, Double Clad

The PMF1007 is ideally suited for applications spanning military, industrial and medical including linearly polarized fiber lasers and amplifiers. These fibers feature a 10 micron diameter core and 125 (PLMA) or 130 (LMA) micron diameter clad size with a low NA (0.075) core.

FEATURES

- Low Bend Loss
- Low Extinction Ratios
- Small Package Size

USE IN

- PM Applications for Data
- PM Applications for Telecom

Operating Wavelength	1060 nm to 1600 nm
Core NA	0.075±0.005
First Cladding NA (5%)	0.460 min.
Core Attenuation	40.00 dB/km@1300 nm max.; 20.00 dB/km@1200 nm max.
Cladding Attenuation	15.0 dB/km@1095 nm max.
Cladding Diameter	125.0±1.0 µm
Core Diameter	11.0±1.0 µm
Coating Diameter	245.0±10.0 µm
Coating Concentricity	y < 5.0 µm
Core/Clad Offset	0.70 µm max.
Proof test Level	100 kpsi (0.7 GN/m ²) min.