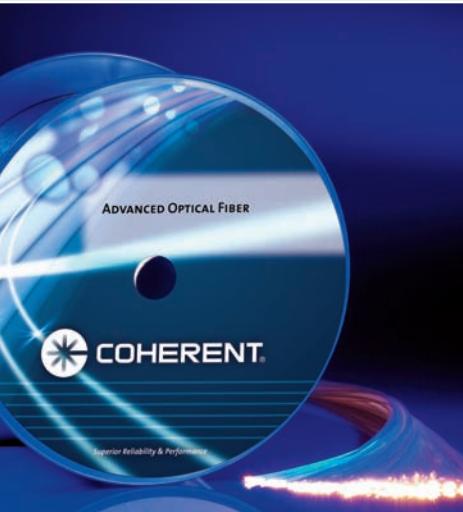




Polarization Maintaining Fiber

PMF-633-B1



Technical Specifications

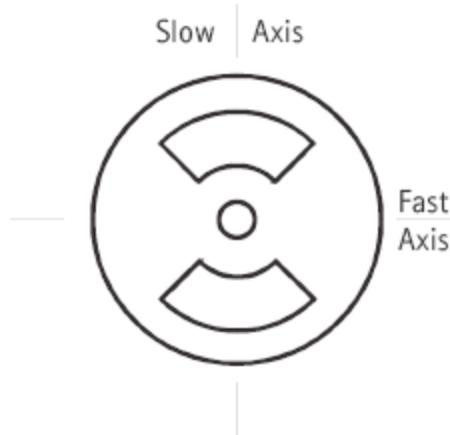
| Product Code | PMF-633-B1 |
|---|--|
| Fiber Type | Bow-tie polarization maintaining fiber |
| Operating Wavelength (nm) | 633 |
| Cut-off Wavelength (nm) | <620 |
| Mode Field Diameter at 633 nm (μm) | 4.0 ± 0.5 |
| Numerical Aperture | 0.14 nominal value |
| Attenuation at 633 nm (dB/km) | <12 |
| Beat Length at 633 nm (mm) | <1.5 |
| Outer Cladding Diameter (μm) | 125 ± 1 |
| Coating Diameter (μm) | 245 ± 10 |
| Core/Cladding Concentricity (μm) | <1.0 |
| Proof Test Level (kpsi) | 100 |
| Coating Type | UV-cured dual acrylate |

Superior Reliability & Performance

Polarization Maintaining Fiber

PMF-633-B1

Cross-Section



Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice.

Coherent's scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

Coherent offers a limited warranty for all polarization maintaining fibers. For full details of this warranty coverage, please refer to the Service section at www.Coherent.com or contact your local Sales or Service Representative.



**Coherent, Inc.,
Corporate Headquarters**
5100 Patrick Henry Drive
Santa Clara, CA 95054

Coherent Salem
32 Hampshire Road
Salem, NH 03079
phone (603) 685-0907
fax (603) 893-5604
e-mail fiber@Coherent.com

| | |
|---------|---------------------|
| Benelux | +31 (30) 280 6060 |
| China | +86 (10) 6280 0209 |
| France | +33 (0)1 6985 5145 |
| Germany | +49 (6071) 968 333 |
| Italy | +39 (02) 34 530 214 |
| Japan | +81 (3) 5635 8700 |
| Korea | +82 (2) 460 7900 |
| UK | +44 (1353) 658 833 |