

PM Fiber, Panda: 970 - 1625 nm

Polarization-maintaining fibers with panda stress rods are most commonly used in telecom applications. The fibers here are designed for operation between 970 nm and 1625 nm. Each of these fibers is available as a patch cable on pages 1010 - 1012. If you wish to create your own patch cable using these fibers, we offer the 301255D1 adjustable key FC/PC connector on page 1142.

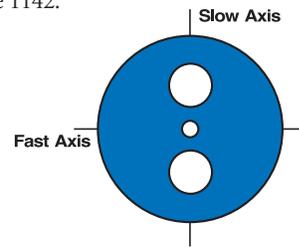
Have you seen our...

PM980-XP, PM1300-HP, and PM1550-HP Patch Cables

See pages 1010 - 1012

Features and Benefits

- Tighter Optical and Geometrical Tolerances
- Proof Tested at 200 kpsi



Panda PM Fiber

ITEM #	OPERATING WAVELENGTH*	MODE FIELD DIAMETER*	CUTOFF WAVELENGTH	BEAT LENGTH	ATTENUATION	CLADDING DIAMETER	COATING DIAMETER	STRIPPING TOOL <small>See Page 1154</small>
PM980-XP	970 - 1550 nm	6.6 μm @ 980 nm	920 ± 50 nm	≤2.7 mm @ 980 nm	≤2.5 dB/km @ 980 nm	125 μm ± 1 μm	245 μm ± 15 μm	T06S13
PM1300-HP	1270 - 1625 nm	9.5 μm @ 1300 nm	1200 ± 70 nm	≤4 mm @ 1300 nm	≤1.0 dB/km @ 1300 nm	125 μm ± 1 μm	245 μm ± 15 μm	T06S13
PM1550-HP	1440 - 1625 nm	10.5 μm @ 1550 nm	1370 ± 70 nm	≤5 mm @ 1550 nm	<1.0 dB/km @ 1550 nm	125 μm ± 1 μm	245 μm ± 15 μm	T06S13

*Mean value calculated from the relative specifications

Price Per Meter

Polarization-Maintaining Fiber, Panda by **NUFERN**
Driven To Light.

ITEM #*	\$		£		€		RMB	
	1-9 m	10-49 m	1-9 m	10-49 m	1-9 m	10-49 m	1-9 m	10-49 m
PM980-XP	\$ 24.50	\$ 20.83	£ 17.64	£ 15.00	€ 21.32	€ 18.12	¥ 195.27	¥ 165.98
PM1300-HP	\$ 24.50	\$ 20.83	£ 17.64	£ 15.00	€ 21.32	€ 18.12	¥ 195.27	¥ 165.98
PM1550-HP	\$ 24.50	\$ 20.83	£ 17.64	£ 15.00	€ 21.32	€ 18.12	¥ 195.27	¥ 165.98

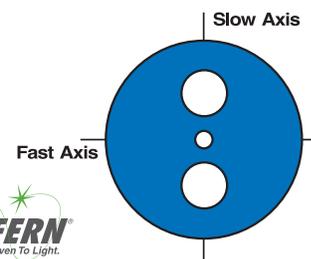
*Call for Quantities Over 250 m

Polarization-Maintaining Photosensitive Fiber: 970 - 1170 nm

- Low Attenuation
- All PM Attributes with Enhanced Photosensitivity
- High Lot-to-Lot Uniformity

This PM Photosensitive Fiber is designed for use in pump diodes, couplers, and multiplexers. Due to its photosensitive and polarization-maintaining attributes, writing time is substantially reduced.

Panda PM Fiber Cross Section



ITEM #	PRICE/m	\$	£	€	RMB
PS-PM980	1 to 9 m	\$ 30.70	£ 22.11	€ 26.71	¥ 244.68
	10 to 49 m	\$ 26.10	£ 18.79	€ 22.71	¥ 207.98
	50 to 249 m	\$ 21.49	£ 15.48	€ 18.70	¥ 171.28

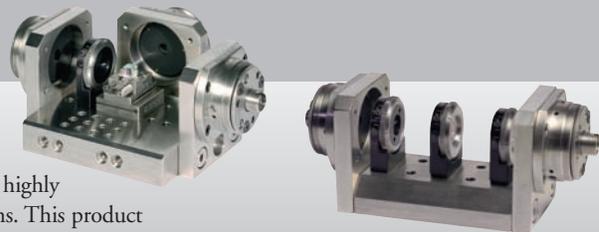
ITEM #	OPERATING WAVELENGTH*	MODE FIELD DIAMETER	CUTOFF WAVELENGTH	BEAT LENGTH	ATTENUATION	CLADDING DIAMETER	COATING DIAMETER	STRIPPING TOOL <small>See Page 1154</small>
PS-PM980	970 - 1170 nm	6.6 ± 1.0 μm @ 980 nm	900 ± 70 nm	≤3.3 mm @ 980 nm	≤3.0 dB/km @ 980 nm	125 μm	245 μm	T06S13

*Typically, the fiber will operate single mode for ~ 200 nm above the cutoff wavelength.

Have you seen our...

FiberBench

The FiberBench and FiberTable family of products provides designers with a highly flexible modular system useful for prototyping a broad array of optical systems. This product line has become an essential building block for many of our customers.



See pages 1065 - 1080