

For current pricing, please see our website.

CHAPTERS

Fiber Patch Cables

Bare Fiber

Fiber Optomechanics

Fiber Components

Test and Measurement

SECTIONS

SM Fiber

PM Fiber

Doped Fiber

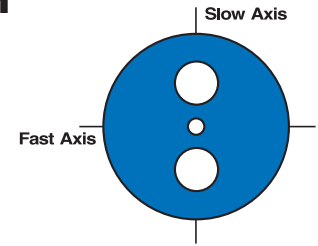
PCF

MM Fiber

Plastic Optical Fiber

Pure-Silica Core PM Fiber, Panda: 350 – 500 nm

These pure-silica core polarization maintaining fibers are designed for either 350 - 460 nm or 400 - 500 nm operation. Their pure silica cores provide protection against radiation-induced damage and color center formation, making them ideal for use at shorter wavelengths. Both fibers are based on a panda stress rod design. If you wish to create your own patch cable using these fibers, we offer the 301255D1 adjustable key FC/PC connector on page 1142.



Panda PM Fiber Cross Section

ITEM #	OPERATING WAVELENGTH*	MODE FIELD DIAMETER**	CUTOFF WAVELENGTH	BEAT LENGTH	ATTENUATION	CLADDING DIAMETER	COATING DIAMETER	STRIPPING TOOL <small>See Page 1154</small>
PM-S350-HP	350 - 460 nm	2.3 μm @ 350 nm	≤340 nm	1.5 mm @ 350 nm	N/A	125 ± 1 μm	245 ± 15 μm	T06S13
PM-S405-HP	400 - 500 nm	3.2 μm @ 405 nm 3.5 ± 0.3 μm @ 460 nm	365 ± 25 nm	1.8 mm @ 405 nm	≤50 dB/km @ 405 nm	125 ± 1 μm	245 ± 15 μm	T06S13

*Nominal

**1/e² fit - near field

Price Per Meter

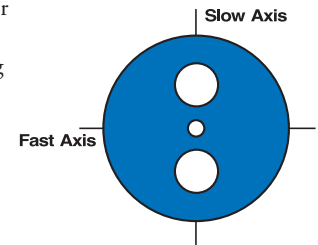
Polarization-Maintaining Fiber, Panda by **RUFERN**
Driven To Light.

ITEM #*	\$ 1-9 m	\$ 10-49 m	\$ 50-249 m	£ 1-9 m	£ 10-49 m	£ 50-249 m	€ 1-9 m	€ 10-49 m	€ 50-249 m	RMB 1-9 m	RMB 10-49 m	RMB 50-249 m
PM-S350-HP	\$ 33.00	\$ 28.05	\$ 23.10	£ 23.76	£ 20.20	£ 16.64	€ 28,71	€ 24,41	€ 20,10	¥ 263.01	¥ 223.56	¥ 184.11
PM-S405-HP	\$ 30.00	\$ 25.50	\$ 21.00	£ 21.60	£ 18.36	£ 15.12	€ 26,10	€ 22,19	€ 18,27	¥ 239.10	¥ 203.24	¥ 167.37

*Call for Quantities Over 250 m

PM Fiber, Panda: 460 – 1100 nm

These polarization-maintaining fibers are designed for transmission of visible or NIR wavelengths. Their panda stress rod structure typically allows for tighter manufacturing tolerances than other PM fiber types. As a result, splicing and coupling can be done more reproducibly. 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.



Panda PM Fiber Cross Section

Have you seen our...
PM460-HP, PM630-HP, and PM780-HP Patch Cables
See pages 1010 - 1012

ITEM #	OPERATING WAVELENGTH*	MODE FIELD DIAMETER*	CUTOFF WAVELENGTH	BEAT LENGTH	ATTENUATION	CLADDING DIAMETER	COATING DIAMETER	STRIPPING TOOL <small>See Page 1154</small>
PM460-HP	460 - 700 nm	3.3 ± 0.5 μm @ 515 nm	410 ± 40 nm	1.3 mm @ 460 nm	<100 dB/km @ 488 nm	125 μm ± 1 μm	245 ± 15 μm	T06S13
PM630-HP	620 - 850 nm	4.5 ± 0.5 μm @ 630 nm	570 ± 50 nm	1.8 mm @ 630 nm	<15 dB/km @ 630 nm	125 μm ± 1 μm	245 ± 15 μm	T06S13
PM780-HP	770 - 1100 nm	5.3 ± 1.0 μm @ 850 nm	710 ± 60 nm	2.4 mm @ 850 nm	<4 dB/km @ 850 nm	125 μm ± 1 μm	245 ± 15 μm	T06S13

Price Per Meter

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

ITEM #*	\$ 1-9 m	\$ 10-49 m	\$ 50-249 m	£ 1-9 m	£ 10-49 m	£ 50-249 m	€ 1-9 m	€ 10-49 m	€ 50-249 m	RMB 1-9 m	RMB 10-49 m	RMB 50-249 m
PM460-HP	\$ 27.30	\$ 23.21	\$ 19.11	£ 19.66	£ 16.71	£ 13.76	€ 23,76	€ 20,19	€ 16,63	¥ 217.59	¥ 184.95	¥ 152.31
PM630-HP	\$ 19.60	\$ 16.66	\$ 13.72	£ 14.12	£ 12.00	£ 9.88	€ 17,06	€ 14,50	€ 11,94	¥ 156.22	¥ 132.79	¥ 109.35
PM780-HP	\$ 19.60	\$ 16.66	\$ 13.72	£ 14.12	£ 12.00	£ 9.88	€ 17,06	€ 14,50	€ 11,94	¥ 156.22	¥ 132.79	¥ 109.35

*Call for Quantities Over 250 m