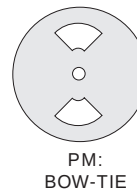
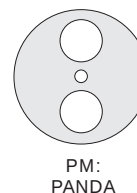


PM

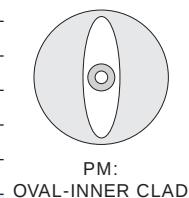
| WAVELENGTH, nm                     | 488  | 633  | 850  | 980/1060 | 1300  | 1550  |
|------------------------------------|------|------|------|----------|-------|-------|
| Cut-off wavelength, nm             | <450 | <600 | <750 | <1020    | <1290 | <1520 |
| Mode field diameter, $\mu\text{m}$ | 2.9  | 3.2  | 3.7  | 5.0      | 9.5   | 10.5  |
| Cladding diameter, $\mu\text{m}$   | 125  | 125  | 125  | 125      | 125   | 125   |
| Buffer diameter, $\mu\text{m}$     | 250  | 250  | 250  | 250      | 400   | 400   |
| Attenuation, dB/km, max            | 100  | 12   | 8    | 3        | 2     | 2     |
| Numerical aperture (NA)            | 0.11 | 0.16 | 0.16 | 0.16     | 0.12  | 0.12  |
| Fiber Code - PM: Bow-Tie           | 71   | 72   | 73   | 74       | 75    | 76    |



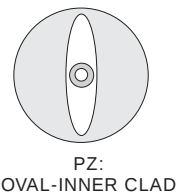
|                                    |                |                |      |   |       |       |
|------------------------------------|----------------|----------------|------|---|-------|-------|
| Cut-off wavelength, nm             | <470           | <620           | <780 | - | <1290 | <1540 |
| Mode field diameter, $\mu\text{m}$ | 4 <sup>1</sup> | 4 <sup>1</sup> | 5.5  | - | 9.5   | 10.5  |
| Cladding diameter, $\mu\text{m}$   | 125            | 125            | 125  | - | 125   | 125   |
| Buffer diameter, $\mu\text{m}$     | 900            | 900            | 400  | - | 400   | 400   |
| Attenuation, dB/km, max            | 50             | 12             | 3    | - | 1     | 0.5   |
| Numerical aperture (NA)            | 0.11           | 0.11           | 0.11 | - | 0.11  | 0.11  |
| Fiber Code - PM: Panda             | 21             | 22             | 23   | - | 25    | 26    |



|                                    |       |       |      |       |       |       |
|------------------------------------|-------|-------|------|-------|-------|-------|
| Cut-off wavelength, nm             | <470  | <620  | <780 | <1020 | <1270 | <1500 |
| Mode field diameter, $\mu\text{m}$ | 4.5   | 5.5   | 5.3  | 7.2   | 8.0   | 9.5   |
| Cladding diameter, $\mu\text{m}$   | 125   | 125   | 125  | 125   | 125   | 125   |
| Buffer diameter, $\mu\text{m}$     | 250   | 250   | 250  | 250   | 250   | 250   |
| Attenuation, dB/km, typical/max    | 25/50 | 25/50 | 3/5  | 2/3   | 1/2   | 1/2   |
| Numerical aperture (NA)            | 0.10  | 0.10  | 0.13 | 0.11  | 0.13  | 0.13  |
| Fiber Code - PM: Oval-Inner Clad   | 31    | 32    | 33   | 34    | 35    | 36    |



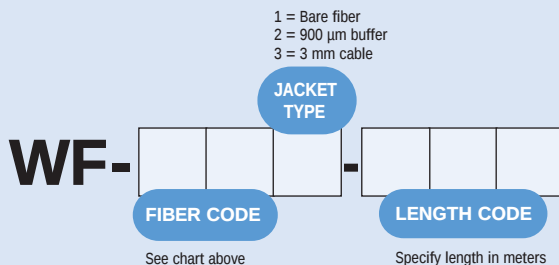
|                                     |   |         |           |           |
|-------------------------------------|---|---------|-----------|-----------|
| Operating wavelength, nm            |   | 780-900 | 1260-1380 | 1535-1565 |
| Mode field diameter, $\mu\text{m}$  | - | 4.5     | 8.5       | 9.5       |
| Cladding diameter, $\mu\text{m}$    | - | 80      | 125       | 125       |
| Buffer diameter, $\mu\text{m}$      | - | 200     | 250       | 250       |
| Attenuation, dB/km, typical         | - | 5.5     | 2.0       | 2.0       |
| Insertion Loss, 3m, dB, typical/max | - | 0.2/1.5 | 0.2/1.5   | 0.2/1.5   |
| Extinction, 3m, dB, typical/max     | - | 40/55   | 40/55     | 40/55     |
| Numerical aperture (NA)             | - | 0.13    | 0.13      | 0.13      |
| Fiber Code - PZ: Oval-Inner Clad    | - | 43      | 45        | 46        |



### Ordering Information: Polarization Maintaining (PM) & Polarizing (PZ) Fibers

#### Key Features:

- Standard and High NA
  - No minimum length
  - Shipped from stock
  - Temp.: -40 to +85 °C
- Pricing: Call for the latest pricing. Inquire about multiple product discounts.



**Connectors:** All of the fibers above may be terminated with a variety of connectors.

See page 21 for specifications.



Wave Optics stocks most PM and PZ fibers currently manufactured. All of our fibers are the stress induced birefringence type and are available with different NAs and fiber diameters. Because we work with almost all PM fibers we can recommend the most appropriate fiber for your application.

1. Core diameter.