

## 2000nm 1x6/2x6 PM Fused Splitter Module for Pulse Power

### FEATURES

- Low Excess Loss
- Various Splitting Ratio
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

### APPLICATIONS

- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Lab

### SPECIFICATIONS

| Parameter                  | Unit | 1x6/2x6   |
|----------------------------|------|---|
| Center Wavelength          | nm   | 1900, 1950, 2000, 2050  |
| Bandwidth                  | nm   | +/-10   |
| Insertion Loss             | Typ. | 9.8   |
|                            | Max. | 10.3  |
| Uniformity                 | dB   | 1.6   |
| Extinction Ratio           | dB   | ≥16   |
| Optical Return Loss        | dB   | ≥40   |
| Directivity                | dB   | ≥45   |
| Fiber Type                 | -    | PM1550 Panda Fiber or PM1950 Fiber (V)<br>10/130um PMDC Fiber (O) |
| Fiber Tensile Load         | N    | 5   |
| Max. Average Optical Power | W    | 0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100     |
| Max. Peak Power for Pulse  | kW   | 0.1, 1, 2, 3, 5, 10, 15, 20                                       |
| Operating Temperature      | °C   | 0~50  |
| Storage Temperature        | °C   | -40~85  |
| Package Dimension          | mm   | (L)160x(W)160x(H)10   |

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

### ORDERING INFORMATION (PN)

| FPCM- <b>NNNN</b> | - <b>NxN</b>  | -H <b>NN</b>  | <b>P NN</b> | - <b>C</b>             | <b>C</b>      | <b>NN</b>    | - <b>CC/CCC</b>         |
|-------------------|---------------|---------------|-------------|------------------------|---------------|--------------|-------------------------|
| Wavelength        | Configuration | Average Power | Peak Power  | Fiber Type             | Fiber Sleeve  | Fiber Length | Connector Type          |
| 1900-1900nm       | 1X6-1X6 Type  | 03-300mW      | 01-100W     | V- PM1950 Fiber        | B- Bare fiber | 05-0.5m      | N-Without Connector     |
| 1950-1950nm       | 2X6-2X6 Type  | 1- 1W         | 1- 1kW      | O-10/130 PMDC Fiber    | L- Loose Tube | 10-1.0m      | FC/APC=FC/APC Connector |
| 2000-2000nm       |               | 10- 10W       | 5- 5kW      | Blank for PM1550 Fiber | 2- 2mm Cable  | 15-1.5m      | LC/PC=LC/PC Connector   |
| 2050-2050nm       |               | 30-30W        | 10-10kW     |                        | 3- 3mm Cable  | 20-2.0m      | SC/UPC=SC/UPC Connector |