

2000nm Filter 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 | 1x4 or 2x4 or 4x4 | 1x8 or 2x8 or 4x8 |
|----------------------------|------|--|-------------------|
| Center Wavelength | nm | 1900, 1950, 2000, 2050 | |
| Bandwidth | nm | +/-20nm or customer specify | |
| Insertion Loss | Typ. | 7.2 | 10.8 |
| | Max. | 7.8 | 11.5 |
| Uniformity | dB | ≤1.0 | ≤1.2 |
| PDL | dB | ≤0.20 | |
| Optical Return Loss | dB | ≥50 | |
| Directivity | dB | ≥50 | ≥45 |
| Fiber Type | - | SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O) or 25/250um DC Fiber (R) | |
| Fiber Tensile Load | N | 5 | |
| Max. Average Optical Power | W | 0.3, 0.5, 1, 2, 3, 5, 10, 15, 20 | |
| Max. Peak Power for pulse | kW | 0.1, 1, 2, 3, 5, 10, 20 | |
| Operating Temperature | °C | 0~50 | |
| Storage Temperature | °C | -40~85 | |
| Package Dimension | mm | L160x ^W 140x ^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.

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.

5. Package size may be different for different optical power fiber type and configurations.

ORDERING INFORMATION (PN)

| FFFM | -NNNN | - | NxN | -H | NN | PNN | - (C) | C | NN | - CC/CCC |
|--------------|---------------|---|---------------|----|------------|------------------------|-------|---------------|--------------|-------------------------|
| Wavelength | Configuration | | Average Power | | Peak Power | Fiber Type | | Fiber Sleeve | Fiber Length | Connector Type |
| 1900-1900nm | 1X4-1X4 Type | | 03-300mW | | 01-100W | V-SM1950 Fiber | | B- Bare Fiber | 05-0.5m | N-Without Connector |
| 1950- 1950nm | 1X8-1X8 Type | | 1- 1W | | 1- 1kW | O=10/130 DC Fiber | | L- Loose Tube | 10-1.0m | FC/APC=FC/APC Connector |
| 2000- 2000nm | 2X4-2X4 Type | | 5- 5W | | 5- 5kW | R=25/250 DC Fiber | | 2- 2mm Cable | 15-1.5m | LC/PC=LC/PC Connector |
| 2050- 2050nm | 4X8-4X8 Type | | 10-10W | | 10-10kW | Blank for SMF-28 Fiber | | 3- 3mm Cable | 20-2.0m | SC/UPC=SC/UPC Connector |