

## 2000nm 1x5 PM 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	Value
Center Wavelength	nm	1900, 1950, 2000, 2050
Bandwidth	nm	+/-20nm or customer specify
Configuration	-	1x5
Split Ratio	%	Even Split
Insertion Loss	dB	≤11.8
Uniformity	dB	≤1.5
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O) or 25/250um PMDC Fiber (R)
Alignment	-	Slow Axis
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 <sup>W</sup> 140x <sup>H</sup> 10

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
  - To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  - The devices can only work in slow axis and fast axis is blocked.
  - 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.
  - Package size may be different for different optical power fiber type and configurations.

### ORDERING INFORMATION (PN)

FPFM-	NNNN	-1X5	-	H	NN	P	NN	-	C	C	NN	-	CC/CCC	
	Wavelength				Average Power		Peak Power		Fiber Type		Fiber Sleeve		Fiber Length	Connector Type
	1900~1900nm				03~300mW		01~100W		2~ PM1550 Fiber		B~ Bare Fiber		05~0.5m	N~Without Connector
	1950~ 1950nm				1~ 1W		1~ 1kW		V~ PM1950 Fiber		L~ Loose Tube		10~1.0m	FC/APC~FC/APC Connector
	2000~ 2000nm				5~5W		5~5kW		O~10/130 PMDC Fiber		2~ 2mm Cable		15~1.5m	LC/PC~LC/PC Connector
	2050~ 2050nm				10~10W		10~10kW		R~25/250 PMDC Fiber		3~ 3mm Cable		20~2.0m	SC/UPC~SC/UPC Connector