

## 750~850nm 1x3 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	750, 780, 793, 808, 830, 850
Bandwidth	nm	+/-15nm or customer specify
Configuration	-	1x3
Split Ratio	%	33.3/33.3/33.3
Insertion Loss	dB	≤6.4
Uniformity	dB	≤0.9
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥50
Working Mode	-	Can only work in Slow Axis
Fiber Type	-	PM850 Panda Fiber or PM780-HP Fiber
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, 15, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	<sup>L</sup> 160x <sup>W</sup> 140x <sup>H</sup> 10

**Note:** 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.7dB 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. The devices can only work in slow axis and fast axis is blocked.

5. 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.

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

### ORDERING INFORMATION (PN)

**FPFM- NNN - 1X3 - H NN P NN - C C NN -CC/CCC**

Wavelength	Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
780-780nm	03-300mW	01-100W	2- PM850 Fiber	8- Bare Fiber	05-0.5m	N-Without Connector
793-793nm	1-1W	1-1kW	7- PM780HP Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
808-808nm	5-5W	5-5kW		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
850-850nm	10-10W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector