

## 1600-1790nm 1x5 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	1x5	
Center Wavelength	nm	1625, 1650, 1700, 1730, 1750, 1790	
Bandwidth	nm	+/-10	
Insertion Loss	Typ.	dB	8.9
	Max.	dB	9.4
Uniformity	dB	1.5	
Extinction Ratio	dB	≥17	
Optical Return Loss	dB	≥40	
Directivity	dB	≥45	
Fiber Type	-	PM1550 Panda Fiber or PM1950 Fiber (V) 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)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, 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
1600-1600nm	1X5-1X5 Type	03-300mW	01-100W	V- PM1950 Fiber	B- Bare fiber	05-0.5m	N-Without Connector
1650-1650nm		1-1W	1-1kW	O-10/130 PMDC Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1700-1700nm		10-10W	5-5kW	Blank for PM1550 Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1750-1750nm		30-30W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector