

## 1600-1790nm High Power 1x5 PM Fused Splitter Module

### 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. Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100	
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-	NNNN	- NxN	-HP NN	- C	C	NN	- CC/CCC
	Wavelength	Configuration	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	1600-1600nm	1X5-1X5 Type	1- 1W	V- PM1950 Fiber	B- Bare fiber	05=0.5m	N=Without Connector
	1650- 1650nm		2- 2W	O=10/130 PMDC Fiber	L- Loose Tube	10=1.0m	FC/APC=FC/APC Connector
	1700-1700nm		10-10W	Blank for PM1550 Fiber	2- 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
	1750-1750nm		30-30W		3- 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector