

## 980~1120nm 1x3 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	1x3
Center Wavelength	nm	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120
Bandwidth	nm	+/-10
Insertion Loss	Typ.	dB
	Max.	dB
Uniformity	dB	1.0
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥40
Directivity	dB	≥45
Fiber Type	-	PM980 Panda Fiber or PM1060L Fiber (E) 10/125um 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 0.5dB 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>
<i>Wavelength</i>	<i>Configuration</i>	<i>Average Power</i>	<i>Peak Power</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
980-980nm	1X3=1X3 Type	03=300mW	01=100W	E=PM1060L Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1030-1030nm		1= 1W	1= 1kW	O=10/125PMD Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1064-1064nm		10= 10W	5= 5kW	Blank for PM980 Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1080-1080nm		30=30W	10=10kW		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector