

## 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	1310, 1480, 1550, 1590	
Bandwidth	nm	+/-10	
Insertion Loss	Typ.	dB	8.5
	Max.	dB	9.0
Uniformity	dB	1.5	
Extinction Ratio	dB	≥17	
Optical Return Loss	dB	≥40	
Directivity	dB	≥45	
Fiber Type	-	PM1310/1550 Fiber or 10/125um PMDC Fiber	
Fiber Tensile Load	N	5	
Max. Optical Power (CW)	mW	300	
Operating Temperature	°C	0~70	
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. 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>	- <b>(C)</b>	<b>C</b>	<b>NN</b>	- <b>CC/CCC</b>
<i>Wavelength</i>	<i>Configuration</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
1550=1550nm	1X5=1X5 Type	0=10/125PMDC Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1310=1310nm		Blank for PM1310/1550 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1590=1590nm			2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1480=1480nm			3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector