

## PM Fused Splitter Module (1x4, 1x8, 2x4, 2x8)

### 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	1x4, 2x4, 4x4	1x8, 2x8, 4x8
Center Wavelength	nm	1310, 1480, 1550, 1590	
Bandwidth	nm	+/-10	
Insertion Loss	Typ.	7.0	10.5
	Max.	7.5	11.0
Uniformity	dB	1.0	1.2
Extinction Ratio	dB	≥18	≥16
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	(L)160x(W)160x(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-	NNNN	-	NxN	- (C)	C	NN	-CC/CCC
	Wavelength		Configuration	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
	1550=1550nm		1X4=1X4 Type	0=10/125PMDC Fiber	B= Bare fiber	05=0.5m	N=Without Connector
	1310=1310nm		1X8=1X8 Type	Blank for PM1310/1550 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
	1590=1590nm		2X4=2X4 Type		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
	1480=1480nm		2X8=2X8 Type		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector