

PM Fused Splitter Module for Pulse Power (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. 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	0~70	
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. 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	-H NN	P NN	- (C)	C	NN	- CC/CCC
<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>
1550-1550nm	1X4=1X4 Type	03=300mW	01=100W	0=10/125PMDC Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1310-1310nm	1X8=1X8 Type	1= 1W	1= 1kW	Blank for PM1310/1550 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1590-1590nm	2X4=2X4 Type	10= 10W	5= 5kW		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1480-1480nm	2X8=2X8 Type	30=30W	10=10kW		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector