

980~1120nm 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	975, 980, 990, 1000 1020, 1030, 1040, 1053, 1064 1070, 1080, 1092, 1103, 1120	
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	-	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	(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 0.5dB 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- 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>
980-980nm	1X4-1X4 Type	03-300mW	01-100W	E-PM1060L Fiber	B- Bare fiber	05-0.5m	N-Without Connector
1030-1030nm	1X8-1X8 Type	1-1W	1-1kW	O-10/125PMD Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1064-1064nm	2X4-2X4 Type	10-10W	5-5kW	Blank for PM980 Fiber	2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1080-1080nm	2X8-2X8 Type	30-30W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector