

750~850nm 1x5 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	1x5	
Center Wavelength	nm	750, 780, 793, 808, 830, 850	
Bandwidth	nm	+/-10	
Insertion Loss	Typ.	dB	9.4
	Max.	dB	9.9
Uniformity	dB	1.7	
Extinction Ratio	dB	≥17	
Optical Return Loss	dB	≥40	
Directivity	dB	≥45	
Fiber Type	-	PM850 Panda Fiber or PM780-HP Fiber	
Fiber Tensile Load	N	5	
Max. Average Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20	
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 0.7dB 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- NNN	- 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>
850-850nm	1X5-1X5 Type	03-300mW	01-100W	7-PM780HP Fiber	8- Bare fiber	05-0.5m	N-Without Connector
830-830nm		1- 1W	1- 1kW	Blank for PM850 Fiber	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
808-808nm		10- 10W	5- 5kW		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
780-780nm		20- 20W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector