

1x3 Monolithic Fused PM Splitter 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

Configuration	Unit	1x3	3x3
Center Wavelength	nm	1310, 1480, 1550, 1570, 1590	
Bandwidth	nm	+/-10	
Coupling Ratio	%	33.3/33.3/33.3	
Insertion Loss	dB	≤6.0	≤6.4
Extinction Ratio	dB	≥18	
Uniformity	dB	≤1.2	≤1.8
Optical Return Loss	dB	≥40	
Directivity	dB	≥45	
Fiber Type	-	PM1310 Fiber or PM1550 Fiber	
Fiber Tensile Load	N	5	
Maximum Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30	
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	Stainless Steel Tube (SST) Box	mm	$\Phi 3.0 \times L54$ for Bare Fiber $\Phi 3.0 \times L70$ for 900um Loose Tube $L90 \times W16 \times H9$

- 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.
 5. Package size may be different for different optical power and fiber type.

ORDERING INFORMATION (PN)

FPLO -NNNN	- NXN	-H NN	P NN	-(C)	C	NN	- CC/CCC
Center Wavelength	Configuration	Average Power	Peak Power	Package	Fiber Sleeve	Fiber Length	Connector Type
1310-1310nm	1X3- 1x3 Type	03- 300mW	01- 100W	B-Box	B- Bare fiber	05-0.5m	N-Without Connector
1480-1480nm	3X3- 3x3 Type	1- 1W	1- 1kW	Blank for SST	L- Loose Tube	10-1.0m	FC/APC=FC/APC Connector
1550-1550nm		5- 5W	5- 5kW		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
1590-1590nm		10-10W	10-10kW		3- 3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector