

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 Optical Power (CW)		W	1, 2, 3, 5, 10, 15, 20, 25, 30	
Operating Temperature		°C	0~50	
Storage Temperature		°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	Φ3.0x ^L 54 for Bare Fiber	
	Box		Φ3.0x ^L 70 for 900um Loose Tube	
			^L 90x ^W 16x ^H 9	

- 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	-HP NN	-(C)	C	NN	-CC/CCC
Center Wavelength	Configuration	Optical Power	Package	Fiber Sleeve	Fiber Length	Connector Type
1310-1310nm	1X3= 1x3 Type	1= 1W	B=Box	B= Bare fiber	05=0.5m	N=Without Connector
1480-1480nm	3X3= 3x3 Type	5= 5W	Blank for SST	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1550-1550nm		10=10W		2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1590-1590nm		30= 30W		3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector