

## 1x3 Monolithic Fused PM Splitter

### 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)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	$\Phi$ 3.0x <sup>L</sup> 54 for Bare Fiber $\Phi$ 3.0x <sup>L</sup> 70 for 900um Loose Tube
	Box		<sup>L</sup> 90x <sup>W</sup> 16x <sup>H</sup> 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. Devices for higher optical power or with other type fiber or consigned fiber are also available.
  4. Package size may be different for different optical power and fiber type.

### ORDERING INFORMATION (PN)

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