

### PM PLC Splitter Module

#### Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Reliability
- High Stability

#### Applications

- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Optical Instrument
- Power Monitoring System

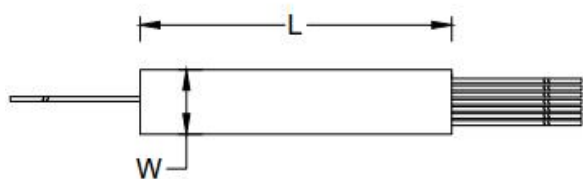
#### Specifications

Parameter	Unit	Value		
Type	-	1x4	1x8	1x16
Center Wavelength	nm	1520-1570		
Max. Insertion Loss	dB	7.3	10.5	13.7
Max.Wavelength Dependent Loss	dB	0.6	0.6	1.0
Uniformity	dB	0.6	0.8	1.2
Min. Extinction Ratio at 23°C	dB	18		
Min. Return Loss	dB	50		
Max. Insertion Temperature Stability(-40~85 °C)	dB	0.5		
Max. Optical Power(CW)	mW	300		
Max. Tensile Load	N	5		
Fiber Type	-	PM Panda fiber		
Operating Temperature	°C	-5~+70		
Storage Temperature	°C	-40~+85		
Mini Package Dimensions	mm	60x7x4	60x7x4	60x12x4
Package Dimensions(ABS Box)	mm	100x80x10	100x80x10	120x80x18

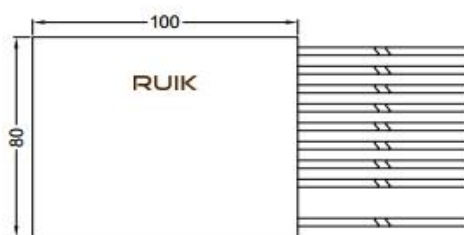
For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

The default connector key is aligned to slow axis.

#### Package Dimensions



Mini Size:Both Axis Working  
250µm/900µm



ABS Box:Both Axis Working or Fast Axis Blocked  
250µm/900µm/2.0mm/3.0mm

#### Ordering Information

PMPLC-1111-2223-444-567-8

1111	-Center Wavelength:	1550=1550nm, 1310=1310nm
222	-Port Number:	102=1x2, 104=1x4,....., 108=1x8,.....116=1x16
3	-Axis Alignment:	B=Both axis working, F=Slow axis working, Fast axis blocked(only for ABS box)
444	-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
5	-Package Dimension:	S=Mini size (only bare fiber & 900µm loose tube), L= ABS box
6	-Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube
7	-Fiber Length:	0=0.8m,1=1m
8	-Connector Type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC