

## Polarization Maintaining PLC Splitter

### Features

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

### Applications

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

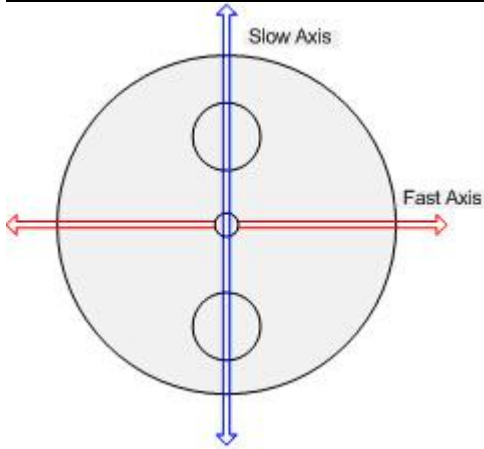


### Specifications

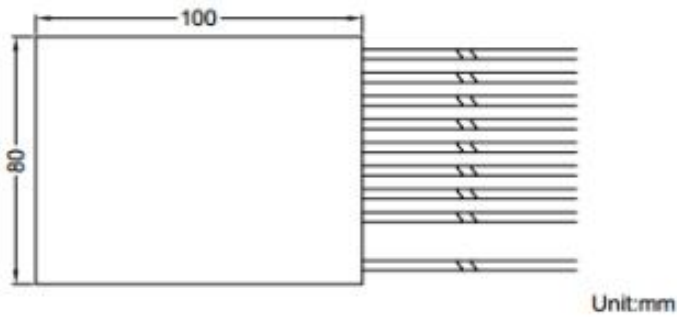
Parameter		Unit	Value		
Type		-	1x4	1x8	1x16
Center Wavelength		nm	1520-1570		
Max. Insertion Loss		dB	7.3	10.5	13.7
Min.WDL		dB	0.6	0.6	1.0
Uniformity		dB	0.6	0.8	1.2
Min. Extinction Ratio	Both of axis working	dB	18		
Min. Return Loss		dB	50		
Directivity		dB	55		
Temperature Stability(-40~85 °C)(dB)		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		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;

### Fast and slow axis



### Package Dimensions



### Ordering Information

wavelength	Port Number	Axis Alignment	Pigtail type	Fiber length	Connector type
5257=1520-1570nm	2=1x2, 4=1x4, ....., 8=1x8, .....	Both axis working	0=250 bare fiber, 1=900um loose tube	1=1m 2=2m etc.	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC