

## High Power (1W) Polarization Maintaining Isolator -1064nm

### Features

High Isolation  
 Low Insertion Loss  
 High Return Loss  
 High Power Handling

### Applications

Fiberoptic Amplifiers  
 Fiber Laser  
 Lab Research  
 Instrumentation

### Specifications -1064nm

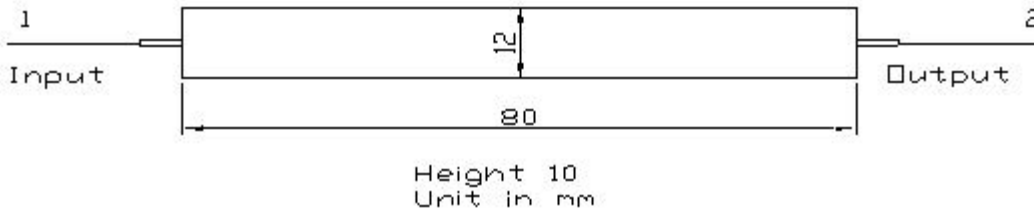
Parameter	Unit	Value
Working wavelength	nm	1064
Isolation	dB	typ.40, min 35
Typ. Insertion Loss at 23°C;λc	dB	1.2
Max. Insertion Loss at 23°C;λc	dB	1.4
Min. Return Loss (input/output)	dB	50/50
Min.Extinction Ratio	dB	20
Max. Optical Power (CW)	W	1
Max. Tensile Load	N	5
Fiber Type	PM 980 Panda Fiber	
Operation Temperature	°C	-5 to 50
Storage Temperature	°C	-40 to 85

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower,ER will be 2dB lower.

\*The PM fiber and the connector key are aligned to the slow axis.

### Imagine



### Ordering Information

PMI	Type	Wavelength	Grade	Pigtail	Fiber length	Connector	Power Handling
	S=single stage	10=1064nm	P=P Grade	B=250um bare fiber L=900um	10=1.0m 15=1.5m 20=2.0m ..... 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others	1W=1000mW