

1064nm PM Isolator (Faraday based)

Features

- Low Insertion Loss
- High Return Loss
- High Isolation
- High Stability & Reliability

Applications

- Testing Instrument
- MOPA Fiber Laser
- Fiber Laser

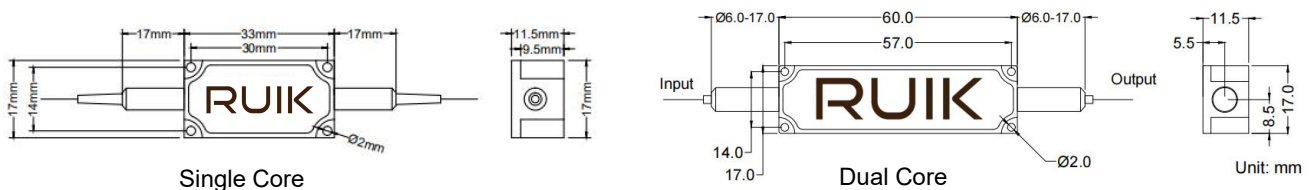
Specifications

Parameters	Unit	Value	
		Single	Dual
Stage	-	Single	Dual
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±5	
Typ. Peak Isolation at 23°C	dB	35	50
Min. Isolation at 23°C	dB	27	45
Max. Insertion Loss at 23°C	dB	1.7	3.8
Max. Insertion Loss at 23°C and Input Power 300mW	dB	2.0	4.0
Max. Insertion Loss at 23°C and Input Power 1W	dB	2.5	4.5
Max. Insertion Loss at 23°C and Input Power 2W	dB	3.0	5.5
Min. Extinction Ratio at 23°C	dB	20	
Min. Return Loss at 23°C (Input /Output)	dB	45	
Max. Optical Power (CW)	W	0.5, 1, 2	
Max. Peak Power for ns Pulse	kW	10	
Package Dimensions	mm	33x17x11.5	60x17x11.5
Max. Tensile Load	N	5	
Operating Temperature	°C	+10 to +50	
Storage Temperature	°C	0 to +60	

*With connectors, the Max. handling power is 1W only, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

*Connector key is aligned to slow axis.

Package Dimensions



Ordering Information

PMIS-①①①①-②③-④④④-⑤⑥-⑦-⑧⑧-⑨⑨⑩⑩

①①①①	- Wavelength:	1064=1064nm, SSS=Specified
②	- Core Type:	S=Single-core stage, D=Dual-core stage
③	- Working Axis:	B=Both axis working, F=Fast axis blocked
④④④	- Fiber Type:	003=PM980, 014=PM1060L, SSS=Specified
⑤	- Package Dimensions:	0=33x17x11.5mm, 1=60x17x11.5mm
⑥	- Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube
⑦	- Fiber Length:	0.8=0.8m, 1.0=1m, S=Specified
⑧⑧	- Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specified
⑨⑨	- Average Power:	00=500mW, 01=1W, 02=2W
⑩⑩	- Peak Power:	00=Continuous Wave, 01=1kW, 02=2kW, 10=10kW, SS=Specified