

1064nm Compact Size High Power PM Isolator (up to 10W)

Features

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

Applications

- Ultra-fast Fiber Laser
- Testing Instrument
- Fiber Laser

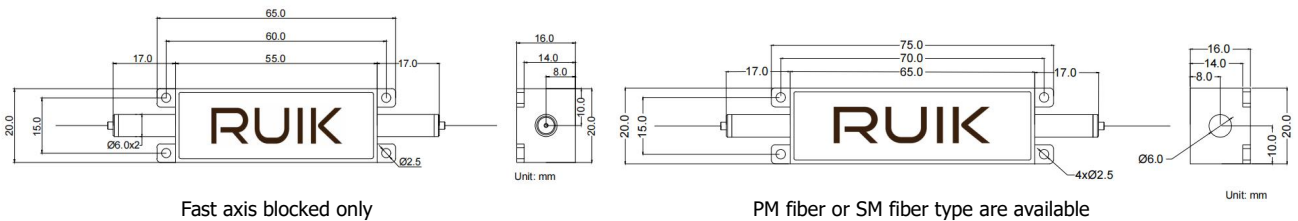
Specifications

Parameters	Unit	Value
Center Wavelength	nm	1064
Operating Wavelength Range	nm	±5
Typ. Peak Isolation at 23°C	dB	30
Min. Isolation at 23°C	dB	26
Typ. Insertion Loss at 23°C	dB	0.8
Max. Insertion Loss at 23°C	dB	1.0
Min. Extinction Ratio at 23°C	dB	20
Min. Return Loss at 23°C (Input /Output)	dB	50
Max. Optical Power (CW)	W	1, 2, 5, 10 or Specified
Package Dimensions	Fast axis blocked only	mm 55x20x16
	PM & SM Fiber Type	mm 65x20x16
Max. Peak Power for ns Pulse	kW	10 or Specified
Max. Tensile Load	N	5
Operating Temperature	°C	+10~+50
Storage Temperature	°C	0~+60

*With connectors, the handing 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

CHPMIS-①①①①-②③-④④④-⑤⑥-⑦-⑧⑧-⑨⑨⑩⑩

①①①①	- Wavelength:	1064=1064nm, SSSS=Specified
②	- Core Type:	S=Single-Core
③	- Working Axis:	B=Both axis working, F=Fast axis blocked
④④④	- Fiber Type:	003=PM980, 014=PM1060L, 018=PLMA-GDF-10/125-M, SSS=Specified
⑤	- Package Dimensions:	0=55x20x16mm, 1=65x20x16mm
⑥	- Pigtail Type:	0=bare fiber, 1=900um loose tube
⑦	- Fiber Length:	0.8=0.8m, 1.0=1.0m, S=Specified
⑧⑧	- Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specified
⑨⑨	- Average Power:	01=1W, 02=2W, 05=5W, 10=10W, SS=Specified
⑩⑩	- Peak Power:	00=Continuous Wave, 10=10kW, 20=20kW