RUIK

Ruik-Tech Communication (Dongguan) Co., Ltd.

980nm 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

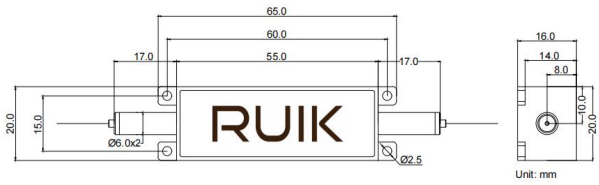
Specifications

Parameters		Unit	Value
Center Wavelength		nm	980
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

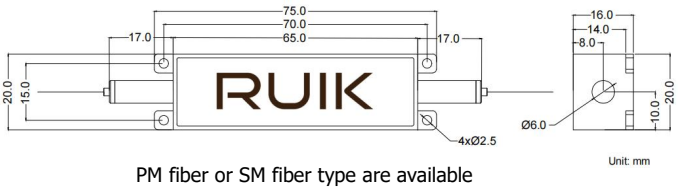
*With connectors, the handing power is 1W only, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

*Connector key is aligned to slow axis.

Package Dimensions



Fast axis blocked only



PM fiber or SM fiber type are available

Ordering Information

CHPMIS-①①①-②③-④④④-⑤⑥-⑦-⑧⑧-⑨⑨⑩⑩

①①①- Wavelength:	980=980nm, 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