

## 450nm Polarization Maintaining Isolator

### Features

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

### Applications

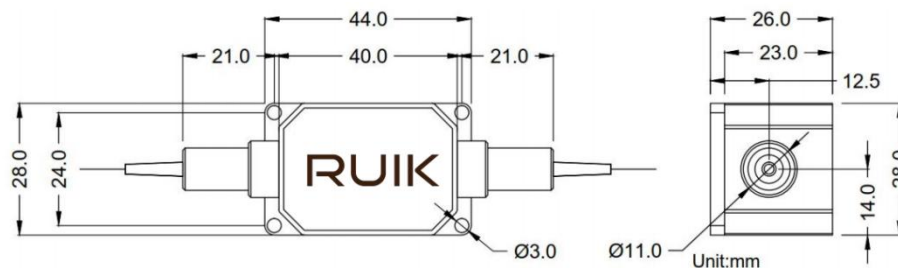
- Testing Instrument
- Raman Fiber Laser
- Ultra-fast Fiber Laser

### Specifications

Parameters	Unit	Value
Center Wavelength	nm	450
Operating Wavelength Range	nm	±5
Min. Isolation at 23°C	dB	22
Typ. Insertion Loss at 23°C	dB	1.7
Max. Insertion Loss at 23°C	dB	2.0
Min. Extinction Ratio at 23°C	dB	18
Min. Return Loss at 23°C (Input /Output)	dB	45
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Package Dimension	mm	44x28x26
Operating Temperature	°C	+10~+50
Storage Temperature	°C	0~+60

With connectors, the Max. handling power is 50mW only, IL is 1.0dB higher, RL is 5dB lower, and ER is 2dB lower. Connector key is aligned to slow axis.

### Package Dimensions



### Ordering Information

HPMIS-①①①-②-③③③-④⑤-⑥-⑦⑦-⑧⑧⑨⑨

①①① - Center Wavelength:	450=450nm, 532=532nm, SSS=Specified
② - Working Axis:	F=Fast axis blocked
③③③ - Fiber Type:	105=PM460-HP, SSS=Specified
④ - Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube
⑤ - Package Dimensions:	0=44x28x26mm
⑥ - Fiber Length:	0.8=0.8m, 1.0=1m, S=Specified
⑦⑦ - Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC, N=None
⑧⑧ - Average Power:	00=100mW
⑨⑨ - Peak Power:	00=Continuous Wave, SS=Specified