850nm High Power Polarization Insensitive Isolator

Features

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

Applications

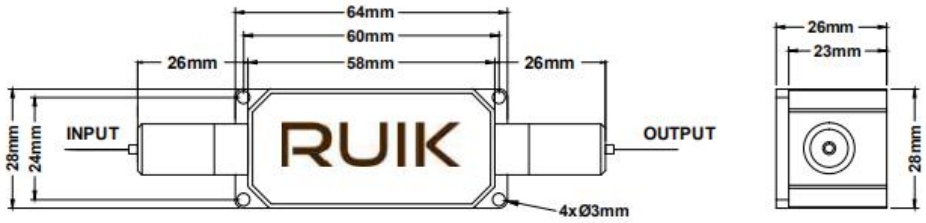
- PM Fiber Amplifier
- Testing Instrument
- MOPA Fiber Laser
- Fiber Laser

Specifications

Parameters	Unit	Value
Center Wavelength	nm	850
Operating Wavelength Range	nm	±5
Typ. Peak Isolation at 23℃	dB	30
Min. Isolation at 23℃	dB	25
Typ. Insertion Loss at 23℃	dB	0.8
Max. Insertion Loss at 23℃	dB	1.0
Max. Polarization Dependent Loss at 23℃	dB	0.2
Min. Return Loss (Input /Output)	dB	45
Max. Average Optical Power	W	0.3, 1, 2, 5, 10, 20 or Specify
Package Dimension	mm	64x28x26
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Operating Temperature	℃	+10~+50
Storage Temperature	℃	0~+60

With connectors, the handing power will be only 1W, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.
The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

HPIIS-111-23-444-56-7-88-99AA

111 - Wavelength:	850=850nm, SSS=Specify
2 - Core Type:	S=Single-Core
3 - Working Axis:	N=Non-PM
444 - Fiber Type:	006=HI780, SSS=Specify
5 - Package Dimension:	0=64x28x26mm
6 - Pigtail Type:	0=bare fiber, 1=900um loose tube, S=Specify
7 - Fiber Length:	0.75=0.75m, 1.0=1.0m. S=Specify
88 - Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify
99 - Average Power:	00=300mW, 01=1W, 05=5W, 10=10W, 20=20W, SS=Specify
AA - Peak Power:	00=Continuous Wave, 10=10kW, 20=20kW