780-1080nm High Power In-line Isolator (up to 20W)

Features

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

Applications

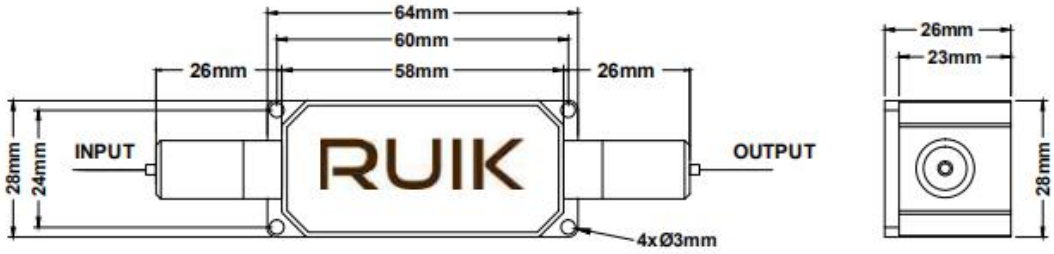
- Ultra-fast Fiber Laser
- Testing Instrument
- MOPA Fiber Laser
- Fiber Sensor

Specifications

Parameters	Unit	Value
Center Wavelength	nm	1064, 1030, 980,..., 780 or Specified
Operating Wavelength Range	nm	±5
Typ. Peak Isolation at 23℃	dB	30
Min. Isolation at 23℃	dB	26
Typ. Insertion Loss at 23℃	dB	0.8
Max. Insertion Loss at 23℃	dB	1.0
Min. Extinction Ratio at 23℃ (PM Fiber Type)	dB	20
Max. Polarization Dependent Loss at 23℃ (SM Fiber Type)	dB	0.15
Min. Return Loss at 23℃ (Input /Output)	dB	45
Max. Average Optical Power	W	0.3, 1, 5, 10 or Specified
Max. Peak Power for ns Pulse	kW	10 or Specified
Package Dimension	mm	64x28x26
Max. Tensile Load	N	5
Operating Temperature	℃	+10~+50
Storage Temperature	℃	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

HPMIS-1111-23-444-56-7-88-99AA (PM Fiber Type) / HPIIS-1111-23-444-56-7-88-99AA (SM Fiber Type)

1111 - Wavelength:	1064=1064nm, 1030=1030nm, 980=980nm, 780=780nm, SSSS=Specified
2 - Core Type:	S=Single-Core
3 - Working Axis:	B=Both axis working, F=Fast axis blocked, N=Non-PM
444 - Fiber Type:	003=PM980, 004=HI1060, 067=PM780-HP, 018=PLMA-GDF-10/125, SSS=Specified
5 - Package Dimensions:	0=64x28x26mm
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:	00=300mW, 01=1W, 05=5W, 10=10W, 20=20W, SS=Specified
AA - Peak Power:	00=Continuous Wave, 10=10kW, 20=20kW, SS=Specified