1030nm 300mW Non-PM Isolator (TGG Based)

Features

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

Applications

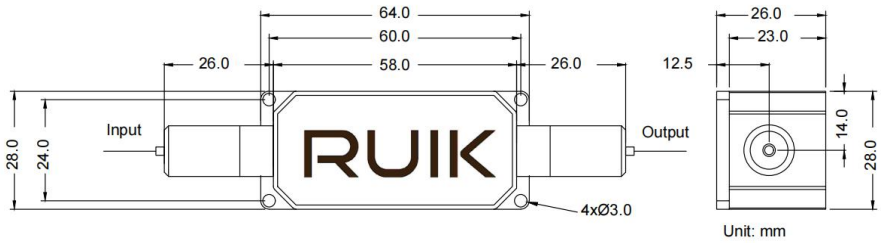
- Testing Instrument
- Fiber Sensor
- Fiber Laser

Specifications

Parameters	Unit	Value
Type	-	Polarization Insensitive
Center Wavelength	nm	1030
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
Max. Polarization Dependent Loss at 23°C	dB	0.15
Min. Return Loss at 23°C (Input /Output)	dB	50
Max. Optical Power (CW)	mW	300
Max. Peak Power for ns Pulse	kW	10 or Specified
Package Dimension	mm	64x28x26
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 and RL is 5dB lower.

Package Dimensions



Ordering Information

HPIIS-①①①①-②③-④④④-⑤⑥-⑦-⑧⑧-⑨⑨⑩⑩

①①①① - Wavelength:	1030=1030nm, SSSS=Specified
② - Core Type:	S=Single-Core
③ - Working Axis:	N=Non-PM
④④④ - Fiber Type:	004=HI1060, 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, SS=Specified
⑩⑩ - Peak Power:	00=Continuous Wave, 10=10kW, 20=20kW, SS=Specified