

# 1064 nm Polarization Insensitive Isolator

## Product Features

- High performance
- Low Insertion Loss
- High Return Loss

## Product Applications

- Communication Systems
- Test Instrumentations
- EDFA
- transmitters

## Specifications

Parameter	Unit	Value	
		Single Stage	Dual Stage
Stage		Single Stage	Dual Stage
Center Wavelength	nm	1064	
Operating Wavelength Range	nm	±5	
Typ. Peak Isolation	dB	40	55
Min. Isolation, at 23 °C	dB	35	45
Typ. Insertion Loss, $\lambda_c$ , 23 °C	dB	1.5	2.4
Max. Insertion Loss, at -5°C -70°C	dB	1.8	3.2
Min. Return Loss (Input/Output)	dB	55/50	55/50
Max. Polarization Mode Dispersion	dB	0.15	0.15
Max. Optical Power (CW)	W	0.3	
Max. Tensile Load	N	5	
Fiber type		HI1060	
package dimensions	mm	Φ5.5*55	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

\* Above specifications are for devices without connectors

\* IL is 0.3 dB higher, RL is 5 dB lower for each connector added. Optical Power will be 1W only with connector added.

\* for pulse application please contact us!

## Ordering Information

HPII	Wavelength	stage	Handling power	Pigtail Type	Fiber Length	Connector
1x1	1060nm Specify	Single stage Dual stage	1W 3W 5W 10W	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify