



2000 nm Polarization Insensitive Isolator

Product Features

- High performance
- Low Insertion Loss
- High Return Loss

Product Applications

- Fiber laser
- Test Instrumentations

Specifications

Parameter	Unit	Value	
		Single Stage	Dual Stage
Stage		Single Stage	Dual Stage
Center Wavelength	nm	2000	
Max. Polarization Dependent Loss	dB	0.2	0.2
Min. Isolation, $\lambda_c \pm 50$ nm, 23 °C, all polarization states	dB	16	35
Max. Insertion Loss, $\lambda_c \pm 20$ nm, 23 °C, all polarization states	dB	1.3	1.5
Min. Return Loss (Input/Output)	dB	50	50
Max. Average Optical Power	W	1 or 2	
Max. Peak Power for ns Pulse	kW	10	
Max. Tensile Load	N	5	
Fiber type	-	SMF-28 fiber or Nufern SM-1950 fiber	
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

HPIL	Wave length	stage	Handling power	Pigtail Type	Fiber Length	Connector
1x1	2000nm Specify	Single stage Dual stage	1W 2W Specify	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