

1950/2000nm Polarization Insensitive Isolator

Product Features

- Low Insertion Loss
- Compact Size
- Environmental Stability

Product Applications

- Communication Systems
- Test Instrumentations
- Fiber Sensors
- Research

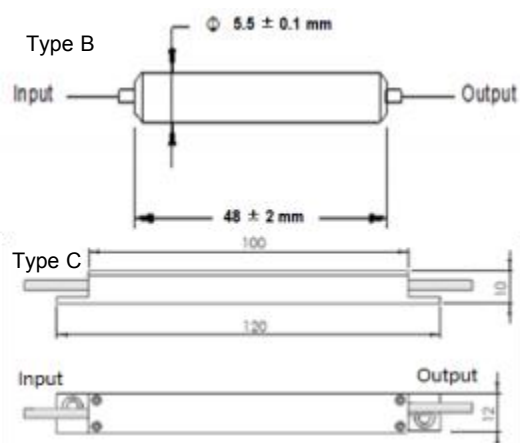
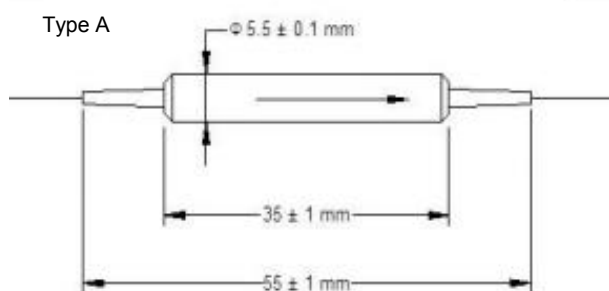
Specifications

Parameter	Unit	Single Stage	Dual Stage
Operating wavelength	nm	1950 or 2000	
Operating Wavelength Range	nm	$\lambda_c \pm 20$	
Max. Insertion Loss, 23 °C , all polarization states	dB	1.2	1.5
Min. Isolation, $\lambda_c \pm 20$ nm, 23 °C , all polarization states (SMF-28)	dB	22	38
Min. Isolation, $\lambda_c \pm 20$ nm, 23 °C , all polarization states	dB	20	35
Min. Polarization Dependent Loss	dB	0.2	
Min. Return Loss (Input/Output)	dB	50/50	
Max. Optical Power	W	2	
Max. Peak Power for ns pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		SMF-28 fiber or Specify	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

1, Above specifications are for devices without connectors

2, IL is 0.3 dB higher, RL is 5 dB lower and Optical Power is 1W only for each connector added.

Package Dimensions



Ordering Information

Stage	Wavelength	Handling Power	Fiber Type for In/out	Pigtail Type	Fiber Length	Connector	Package Type
Single Dual	1950nm 2000nm Specify	0.3W 1W Specify	SMF-28, SM1950, SM-GDF-10/130- 15M, 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	TypeA, TypeB, TypeC