

**Optizone 1064nm Polarization Insensitive Isolator**

**Features**

- Low Insertion Loss
- High Power Handling
- High Isolation
- Low PDL
- Low Cost

**Applications**

- Optical Fiber Amplifier
- Fiber Optic Sensor
- Instrumentation

**Specifications**

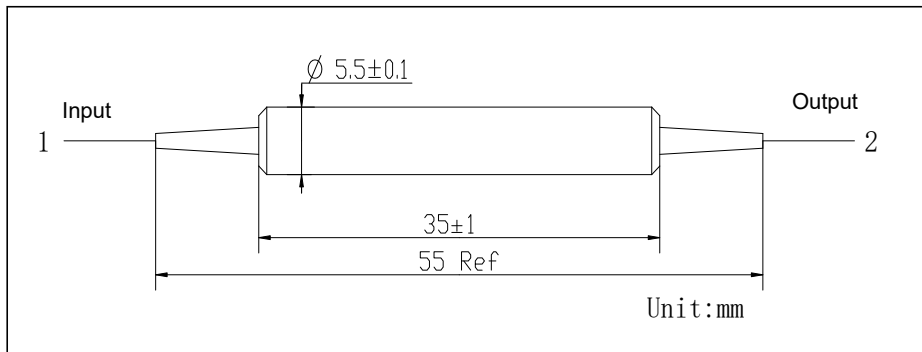
Parameters	Unit	Values			
		Single Stage		Dual Stage	
Grade	-	Grade P	Grade A	Grade P	Grade A
Center Wavelength	nm	1064			
Operating Wavelength Range	nm	±5			
Typ. Peak Isolation	dB	40	38	55	52
Min. Isolation at 23°C	dB	30	28	45	42
Typ. Insertion Loss at 23°C	dB	1.4	1.5	2.3	2.5
Max. Insertion Loss at -5°C to 50°C	dB	1.8	2.0	3.2	3.4
Min. Return Loss (Input/Output)	dB	55/50	55/50	55/50	55/50
Max. PDL at 23°C	dB	0.15	0.15	0.15	0.15
Max. Optical Power (CW)	mW	300			
Max. Tensile Load	N	5			
Fiber Type	-	Hi 1060 Fiber			
Operating Temperature	°C	-5 to +50			
Storage Temperature	°C	-40 to +85			

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

\*The material must be RoHS compliant.

**Package Dimensions**



**Ordering Information**

**P11-①①①①-②-③-④-⑤-⑥⑥-⑦⑦-⑧-⑨**

①: Wavelength  
1064 - 1064nm  
S - Specify

②: Grade  
P - Premium Grade  
A - A Grade

③: Stage  
S - Single Stage  
D - Dual Stage

⑤⑤: Connector Type on Port 1 & 2  
1A - FC/UPC  
2A - FC/APC  
3D - SC/UPC  
4D - SC/APC  
N - None  
S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2  
B - 250um Bare Fiber  
F - 900um White Loose Tube

⑦: Fiber Type  
6 - Hi 1060 Fiber

⑧: Fiber Length  
1 - 1m  
S - Specify

⑨: Package Type  
01 -  $\phi 5.5 \times 35$