

## Free Space Isolator-Polarization Sensitive

### Features

- Low Insertion Loss
- High Power Handling
- High Stability and Reliability

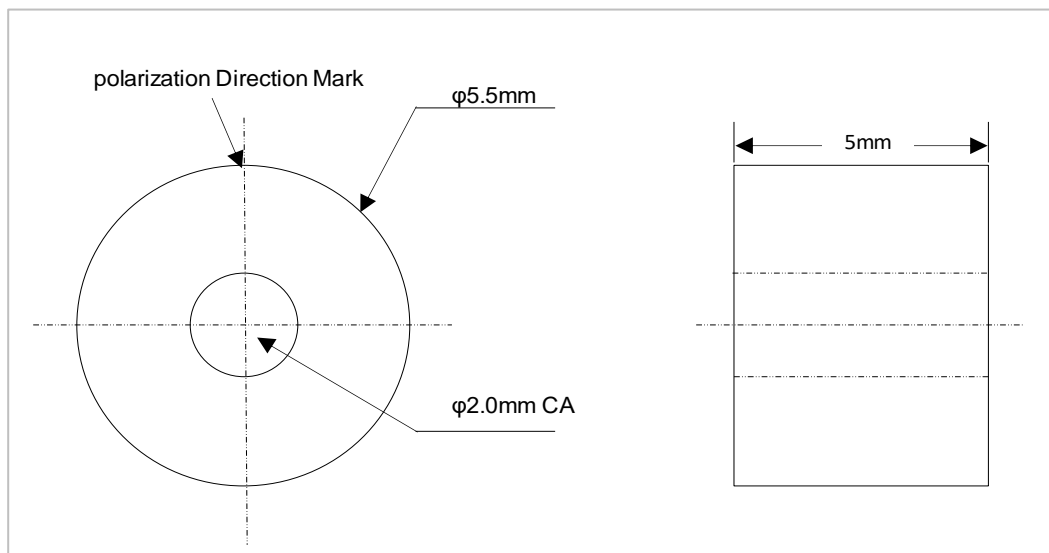
### Applications

- Fiber Laser
- Fiber Amplifier
- Testing Equipment

### Specifications

Parameters	Unit	Single Stage	Dual Stage
Center Wavelength	nm	1490, 1550, 1590, 1840,	1950, 2000, 2100, 2300
Wavelength Range	nm	±5	
Isolation, $\lambda_c$ , at 23°C	dB	≥30 (Typ. 35)	≥40 (Typ. 45)
Typ. Insertion Loss	dB	0.4	0.6
Insertion Loss at 23°C, $\lambda_c$	dB	≤0.6	≤0.8
Polarization Extinction Ratio	dB	≥25	≥25
Clear Aperture	mm	2, 3, 5	
Optical Power	W	0.3, 1, 5, 15	
Operating Temperature	°C	+5~ + 50	
Storage Temperature	°C	-10~ + 60	
Package Size	0.3W	φ5.5x5mm	
	1W	φ12.5x9mm	
	5W	φ15x12mm	
	15W	φ20x50mm	

### Package Dimensions



drawing for 0.3W

### Ordering Information

FSI- ①①①①-②-③-④-⑤⑤⑤

①	Wavelength	1490; 1550; 1590; 1840; 1950; 2000; 2100; 2300;
②	Polarization Type	S=Sensitive;
③	Stage	S=Single Stage; D=Dual Stage;
④	Clear Aperture	2=φ2mm; 5=φ5mm;
⑤	Power Handling (CW)	0.3; 1W; 5W; 15W;