

## FREE SPACE ISOLATOR

### Features

- Low insertion loss & high isolation
- Compact size
- RoHS 6/6 compliant



### Applications

- Fiber optic lasers
- Optical transmitters & transceivers

### Specifications

Parameter	Specification		Unit	
Center Wavelength ( $\lambda_c$ )	1310/1550 or CWDM wavelength		nm	
Single/Dual Stage	Single Stage	Dual Stage		
Isolation	Min	35 (Typ 40)	55 (Typ 60)	dB
Insertion Loss	Max	0.3 (Typ 0.18)	0.5 (Typ 0.3)	dB
Clear Aperture	Typ	$\varnothing$ 0.9	$\varnothing$ 0.9	mm
Maximum Power Handling	300		mW	

1. All values tested at  $\lambda_c$  & 23°C

### Order Information

#### FSI-A - B - C - D

A	Single/Dual Stage	S: Single stage D: Dual stage
B	Center Wavelength	31: 1310nm 55: 1550nm 49: 1490nm...
C	Packaging Type	1: With metal housing
D	Size (mm)	1: $\varnothing$ 2.5*1.1 2: $\varnothing$ 2.5*1.4 3: $\varnothing$ 2.5*2.0 4: $\varnothing$ 2.5*2.1 5: $\varnothing$ 2.99*1.4 6: $\varnothing$ 2.99*2.0 7: $\varnothing$ 2.99*3.0 X: Customized