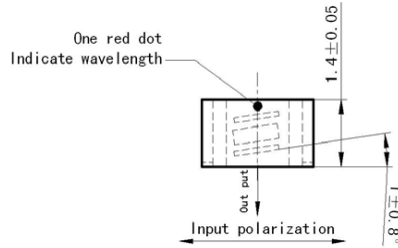


## Polarization Sensitive Free Space Isolator

The Polarization Sensitive Free Space Isolators are passive optical devices that allow light to be transmitted in only one direction. Free space optical isolators do not have an integral connection system. They must be directly mounted to the object that needs isolation.



D2.5×L1.1  
D2.5×L1.4  
D3.0×L1.4  
D2.5×L3.0  
D3.0×L3.0  
D3.0×L2.5



### Features

High Isolation  
Low Insertion Loss  
High Reliability & Stability

### Applications

Fiber Laser  
Optical Transmitter

### Performance Specification

Parameter	Value		Unit
	Single Stage	Dual Stage	
Stage	Single Stage	Dual Stage	
Center Wavelength	1310, 1480, 1550 or CWDM Wavelength		nm
Typ. Insertion Loss at 23°C	0.18	0.3	dB
Max. Insertion Loss at 23°C	0.25	0.4	dB
Typ. Peak Isolation	40	60	dB
Min. Isolation at 23°C	38	55	dB
Clear Aperture	0.9, 0.8, 0.7, 0.6, 0.5, 0.4 or customized		mm
Max. Optical Power (CW)	300		mW
Max. Tensile Load	5		N
Operating Temperature	-20 to +85		°C
Storage Temperature	-40 to +85		°C

### Note

\* For larger clear aperture, please contact OF-LINK

### Ordering Information

#### FSI-AAAA-B-CC-D-E

AAAA	B	CC	D	E
Wavelength	Stage	Min. CA	Angle	Package Size
1310 - 1310nm	S - Single Stage	04 - 0.4mm	6 - 6±1°	1 - 2.5×1.1mr
1480 - 1480nm	D - Dual Stage	05 - 0.5mm	7 - 7±1°	2 - 2.5×1.4mr
1550 - 1550nm		06 - 0.6mm	8 - 8±1°	3 - 3.0×1.4mr
SSSS - Specify		07 - 0.7mm	0 - no Angle	4 - 2.5×3.0mr
		08 - 0.8mm	S - Specify	5 - 3.0×3.0mr
		09 - 0.9mm		6 - 3.0×2.5mr
		SS - Specify		S - Specify