



## Free Space Isolator

<b>Features</b> <ul style="list-style-type: none"> <li>● High Isolation</li> <li>● Polarization Dependent</li> <li>● Epoxy Free Optical Path</li> <li>● Compact Size</li> <li>● Versatile Package</li> </ul>	<b>Applications</b> <ul style="list-style-type: none"> <li>● Optical Transmitter</li> <li>● Laser Doide Packagng</li> </ul>
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### Performance Specifications:

Parameter	Spec			
	Single Stage		Dual stage	
Grade	P Grade	A Grade	P Grade	A Grade
Operating Wavelength	1310nm, 1550nm and others			
Peak Isolation(Typ.)	42dB	40dB	60dB	55dB
Insertion Loss (23°C.)	≤ 0.20dB	≤ 0.25dB	≤ 0.30dB	≤ 0.35dB
Clear Aperture	≥ 0.90mm or ≥0.80mm			
Tilt Angle of Input Light	5°			
Optical Power	500mW			
Operating Temperature	-5 to +70°C			
Storage Temperature	-40 to +85°C			

### Ordering Information:

S-FI	Type	Grade	Operating Wavelength	Package	Size
	□	□	□□	□	□□
	S=Single Stage U=Dual Stage	P=Grade P A=Grade A	13=1310nm 14=1480nm 15=1550nm SS=Others	1=Eporly Used 2=Epoxy Free	01=2.0x1.4x1.8mm 02=2.5x2.15x1.8mm 03=2.5x2.15x2.0mm 04=2.5x2.15x1.6mm 05=2.5x2.15x3.0mm 06=F2.5X3.0mm 07=F2.99x3.0mm 08=F2.5x2.0mm 09=F2.5x1.8mm 10=F2.5x2.6mm 11=Custom Size

**For Example: S-FI-S-P-13-1-01**