



Free Space Isolator

PERFORMANCE SPECIFICATIONS

Parameter	Specifications			
	Single		Dual	
Operating Wavelength	1310nm, 1550nm or custom			
Stage	Single		Dual	
Grade	P	A	P	A
Typical Peak Isolation	42dB	40dB	60dB	55dB
Insertion Loss @23°C	≤ 0.20dB	≤ 0.25dB	≤ 0.30B	≤ 0.35dB
Clear Aperture	≥ 0.90mm	≥ 0.90mm	≥ 0.80mm	≥ 0.80mm
Tilt Angle of Input Light	5°			
Optical Power	≤ 500mW			
Operating Temperature	-5 to +70°C			
Storage Temperature	- 40 to +85°C			
Package Dimensions	See "Ordering Information"			

FEATURES

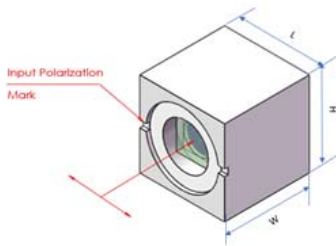
- High Isolation
- Low Insertion Loss
- Epoxy Free Optical Path
- Compact Size
- Versatile Package

APPLICATION

- Optical Transmitter
- Laser Diode Packaging

Free Space Isolator

MECHANICAL DIMENSIONS



PORT CONFIGURATIONS



ORDERING INFORMATION

Type	Operating Wavelength	Grade	Package	Size
FSIS=Single stage	31=1310nm	P=P grade	1=Epoxy used	01 = 2.0x1.4x1.8mm
FSIU=Dual stage	48=1480nm	A=A grade	2=Epoxy free	02 = 2.5x2.15x1.8mm
	55=1550nm			03 = 2.5x2.15x2.0mm
	58=1585nm			04 = 2.5x2.15x1.6mm
	SS=Custom			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