

Free Space Isolator



Key Features

- High Isolation
- Polarization Dependent
- Epoxy Free Optical Path
- Compact Size
- Versatile Package






Applications

- Optical Transmitter
- Laser Diode Packaging

Performance Specifications

Parameter	Specifications			
	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 (Ic, 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

FI					
	Type	Grade	Operating Wavelength	Package	Size
	S = Single Stage U = Dual Stage	P = P Grade A = A Grade	13 = 1310nm 14 = 1480nm 15 = 1550nm SS = Others	1 = Epoxy 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