

Free Space Isolator

Features	
High isolation Low insertion loss Large aperture	
Application	
Fiber Optic Laser Tuable Laser Optical Transmitters	

Specifications

Parameter	Single stage	Dual stage
Center Wavelength (nm)	1310,1550 or CWDM Wavelength	
Operating Wavelength Range(nm)	+/-20nm	
Typ.Peak Isolation (@ 23°C) (dB)	40	55
Isolation (@ 23°C) (dB)	≥26	≥50
Typ.Insertion Loss (@23°C) (dB)	0.18	0.30
Insertion Loss (@23°C) (dB)	≤0.25	0.35
Clear Aperture (mm)	Φ0.8	Φ0.8
Optical Power (mW)	≤300	
Operating Temperature(°C)	0 to +70	
Storage Temperature(°C)	-40 to +85	

Ordering Information

FSI	Type	Wavelength	Package
	S= Single stage D = Dual Stage	1310 1550 XX=Others	2.5x1.4mm (SS 304 Ring) 3.0x1.4mm (SS 304 Ring) 2.5x3.0mm (SS 304 Ring) 3.0x3.0mm (SS or MR Ring) 3.0x2.5mm(SS or MR Ring)