

Free Space Optical Isolator (785/980/1060 nm)

Product Description

The OI Series Free Space 785/980/1060 nm optical Isolator is a passive device that guides lights at 785/980/1060 nm in normal direction while minimizing back reflection and back scattering in the reverse direction. With Agiltron's proprietary magnetic-optics technology and proven advanced micro optics design, it features in low insertion loss, high isolation, compact structure, high power handling and high stability. Agiltron also provides customized design to meet special applications.



Performance Specifications

OI Series	Min	Typical	Max	Unit
Operation Wavelength	780	785	790	nm
	975	980	985	
	1055	1060	1065	
Insertion Loss		0.5	0.8	dB
Wavelength Dependent Loss			0.2	dB
Isolation	20	25		dB
Optical Aperture	Φ 2.0			mm
Storage Temperature	-10		60	°C
Package Dimension	785	Φ28 x 43.2		mm
	980	Φ28 x 53.0		
	1060	Φ28 x 61.0		

Features

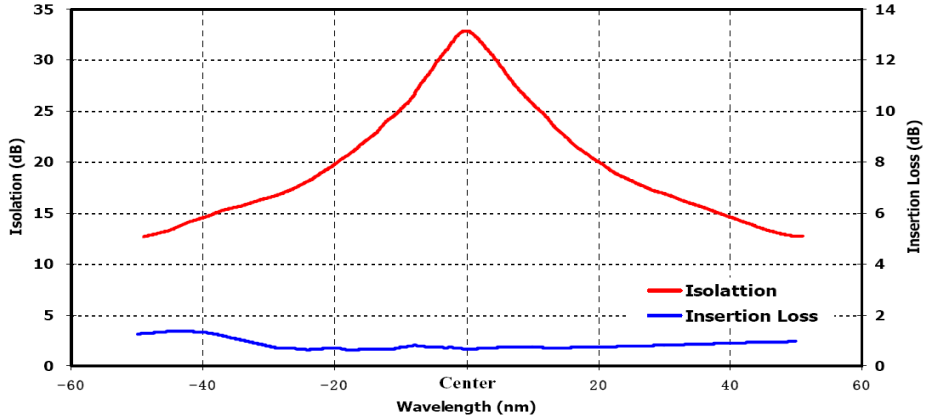
- Low Insertion Loss
- High Isolation
- High Stability
- High Reliability
- Cost Effective

Applications

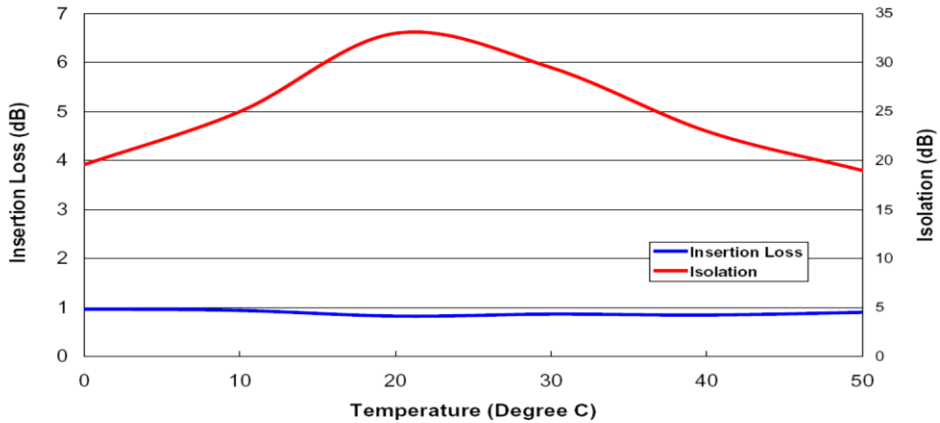
- Optic Sensor
- Test and Measurement
- Instrumentation

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Optical Performance



IL/Iso Vs. Temp @ Center Wavelength



Order Information

OISF-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	0	0	0
	Type	Wavelength	Grade	Package Type					
	Free Space =21 Special = 0	1060=1 850 =8 980=9 Special=0	Standard = 1 Special = 0	Standard = 1 Special = 0					