

Optical Isolator

With High-Performance Faraday Crystal

Preliminary



Specifications

Wavelength Bandwidth	1064+/-5nm	Special Wavelength Available
Insertion Loss	<1dB	Without Connector Loss
Isolation	>30dB ²	23+/-5 degrees C
Damage Threshold	1J/cm ²	20ns, 20Hz
Fiber	980PMF	Free Space Available
Size	35 x 35 x 155mm	Except Protrusion

TSAG Crystal



- ✓ Huge Verdet Constant
- ✓ Low Absorption
- ✓ High Thermal Conductivity

Verdet Constant *

1.2 times

vs. TGG

Low Absorption**

0.7 times

* 48 rad/T/m@1064nm(reference: Measurement evaluation unit in house.

** 3000ppm/cm@1064nm(reference: Measurement by Model PCI-3, manufactured by SPTS.

OXIDE

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