

LARGE APERTURE FREE SPACE OPTICAL ISOLATORS



DESCRIPTION

Based on a Faraday Rotator made of Terbium Gallium Garnet single-crystal (TGG), these isolators provide superior performance with lasers in the 980 and 1064nm wavelength ranges. Units include a mounting collar for easy bench mounting and alignment to the polarization plane of a laser.

These models are available in low, medium and high power versions for continuous-wave and pulse applications. The high power versions use calcite Glan Taylor polarizers with two AR coated escape ports. The medium power option uses standard Glan Taylor polarizers. For low power applications, a special high-performance glass polarizer is offered.

FEATURES

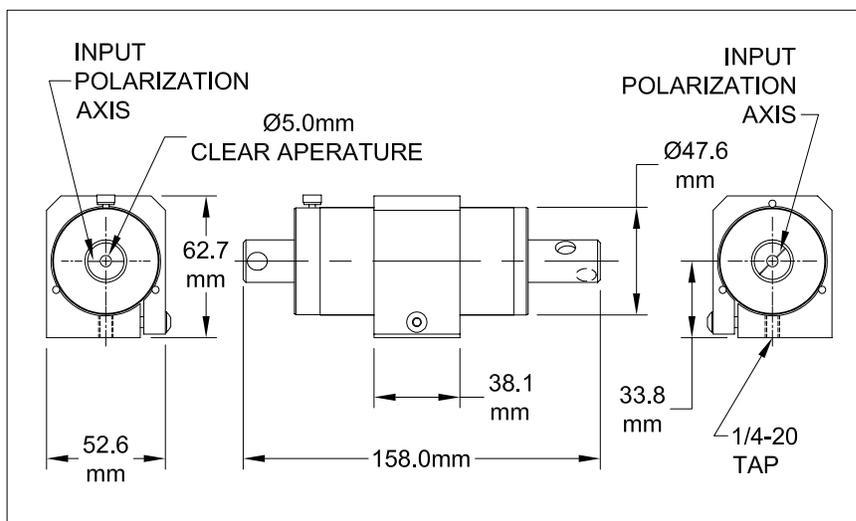
- High Isolation
- Low Insertion Loss
- Various Power Options
- Easily Aligned to Source
- Easily Tuned
- 2 and 5mm Clear Aperture

APPLICATIONS

- Semiconductor Laser Modules
- Optical Test Instrumentation
- Optical Instrumentation

64 Harding Avenue
Dover, NJ 07801
t 973.328.7000
f 973.328.7036
info@isowave.com
www.isowave.com

OUTLINE DRAWING



THEORETICAL ISOLATION CURVE

Model # I-106T-5 tuned at 1064nm

