



Optical Isolator with input and output polarizer's pre-aligned to the rotator glass.

- In this configuration the “input end” is the end with the tuning ring.
- The input polarizer is aligned for vertical input polarization and the output polarizer is 45 degrees to the input.

711C-1 OPTICAL ISOLATOR

MODEL NUMBER	TUNING RANGE	ISOLATION	TRANSMISSION
711C-1	350 TO 390	28 - 30dB	85%

Configuration

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- In this configuration the “input end” is the end with the tuning ring.
- The input polarizer is aligned for vertical input polarization and the output polarizer is 45 degrees to the input.
- If your source is horizontally polarized, simply remove the two set-screws on the base and rotate the isolator 90 degrees, so that the two tapped holes on the cylinder are aligned with the mounting screws on the base.

Standard optical isolators have the following values :

- 5mm Aperture
- Laser Damage Threshold (LTD) – CW Laser 500W/cm²
- Pulse Laser 150MW/cm²

Conoptics isolators are supplied

- Faraday Rotator Isolator tuned to 45 degrees
- (2) Glan Polarizers
- Mounting Base

