

# Glan-Laser Polarizer 200 - 350nm, 12.7mm



Glan-Laser Polarizer

Stock **#89-554** 2 In Stock

-

1

+

A\$2,544<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | A\$2,544.00 each              |
| Qty 6+         | A\$2,336.00 each              |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Linear Polarizer

Type:

Physical & Mechanical Properties

12.7

Clear Aperture CA (mm):

25.40

Diameter (mm):

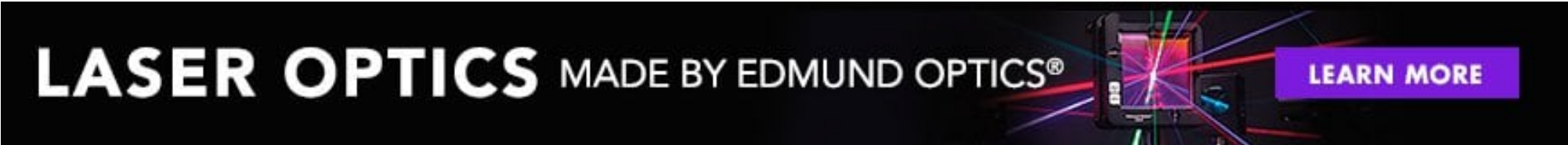
Length (mm):

|                                          |                                                       |
|------------------------------------------|-------------------------------------------------------|
| 31.50                                    |                                                       |
| Crystalline Glan-Laser Polarizer         | Construction:                                         |
| Optical Properties                       |                                                       |
| Single Layer MgF <sub>2</sub>            | Coating:                                              |
| <5 x 10 <sup>-6</sup>                    | Extinction Ratio:                                     |
| α-BBO                                    | Substrate: <input type="checkbox"/>                   |
| 20-10                                    | Surface Quality:                                      |
| λ/2 @ 632.8nm                            | Transmitted Wavefront, P-V:                           |
| <3                                       | Beam Deviation (arcmin):                              |
| λ/4 @ 632.8 nm                           | Transmitted Wavefront Distortion (RMS):               |
| 200 - 350                                | Wavelength Range (nm):                                |
| 5 J/cm <sup>2</sup> @ 1064nm, 10ns, 10Hz | Damage Threshold, By Design: <input type="checkbox"/> |
| Regulatory Compliance                    |                                                       |
| Compliant                                | RoHS 2015:                                            |
| View                                     | Certificate of Conformance:                           |
| Compliant                                | Reach 247:                                            |

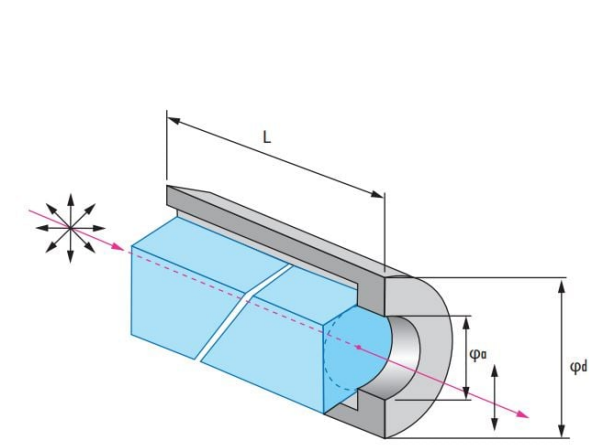
## Product Details

- High Extinction Ratios up to 200 000:1
- High Laser Damage Thresholds up to 5 J/cm<sup>2</sup> @ 1064nm

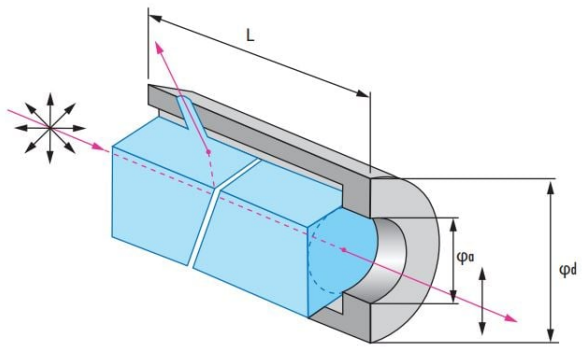
Glan-Type Polarizers are mounted, polarizing prisms used in applications that require broad spectral ranges, high extinction ratios, or high polarization purities. Glan-Taylor Polarizers are medium-power, air-spaced UV to NIR polarizers that transmit the extraordinary beam. The ordinary beam is then reflected and absorbed by black glass plates that have been cemented to the prism. Glan-Laser Polarizers are similar to Glan-Taylor, but are designed for higher power applications and appropriate for use in Q-switched laser cavities. Glan-Laser Polarizers utilize an advanced polishing technique for minimizing surface scatter and feature two escape windows for passing the high power rejected light. Glan-Thompson Polarizers are low power polarizers that are ideal for UV, visible, or NIR applications, feature a cemented design, and transmit the extraordinary beam while absorbing the reflected ordinary beam.



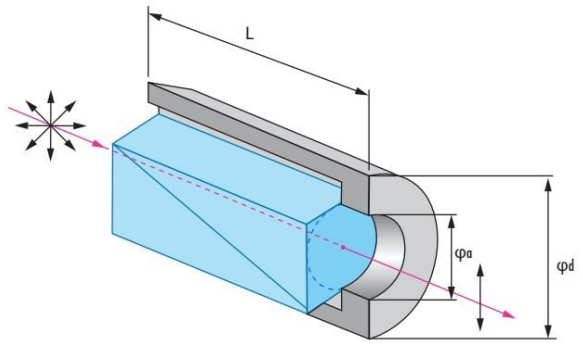
## Technical Information



Glan-Taylor Polarizers



Glan-Laser Polarizers



Glan-Thompson Polarizers