

# Glan-Taylor Polarizer 350 - 2300nm, 12.7mm



Glan-Taylor Polarizer

Stock **#89-548** 3 In Stock

-

1

+

₹91,085

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹91,085 each                  |
| Qty 6+         | ₹86,258 each                  |
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Product Downloads

General

Linear Polarizer

Type:

Physical & Mechanical Properties

12.7

Clear Aperture CA (mm):

25.40

Diameter (mm):

Length (mm):

|                                          |                                                       |
|------------------------------------------|-------------------------------------------------------|
| 21.00                                    |                                                       |
| Crystalline Glan-Taylor Polarizer        | Construction:                                         |
| Optical Properties                       |                                                       |
| Single Layer MgF <sub>2</sub>            | Coating:                                              |
| <5 x 10 <sup>-5</sup>                    | Extinction Ratio:                                     |
| Calcite                                  | 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):               |
| 350 - 2300                               | Wavelength Range (nm):                                |
| 2 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:                                            |
| China                                    | Country of Origin:                                    |
| Edmund Optics India Private Limited      | Imported By:                                          |

## Product Details

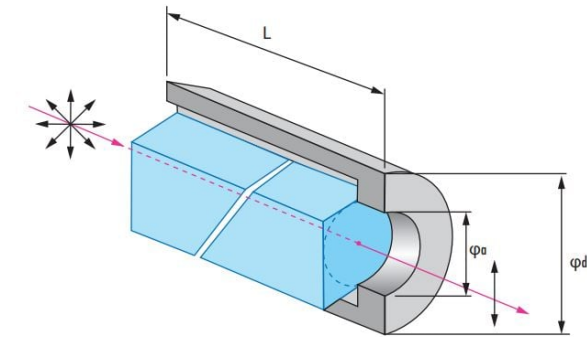
- High Extinction Ratios up to 200 000:1
  - High Laser Damage Thresholds up to 5 J/cm<sup>2</sup> @ 1064nm
- Glan-Type Polarizers are mounted, polarizing prisms used in applications that require broad spectral ranges, high extinction ratios, or high polarization purities. Glan-Taylor Polarizers are 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.

LASER OPTICS

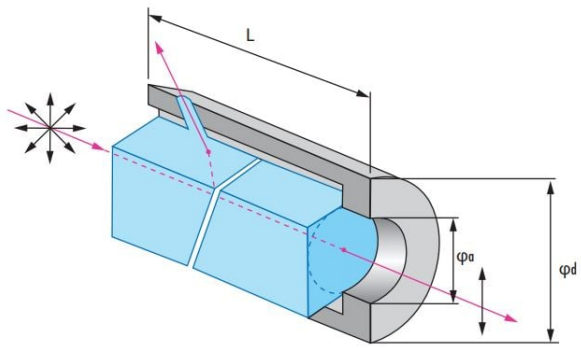
MADE BY EDMUND OPTICS®



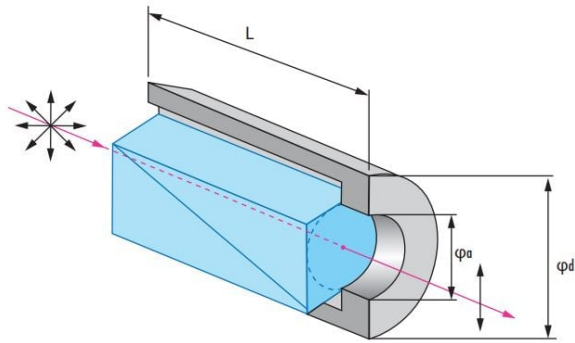
## Technical Information



Glan-Taylor Polarizers



Glan-Laser Polarizers



Glan-Thompson Polarizers