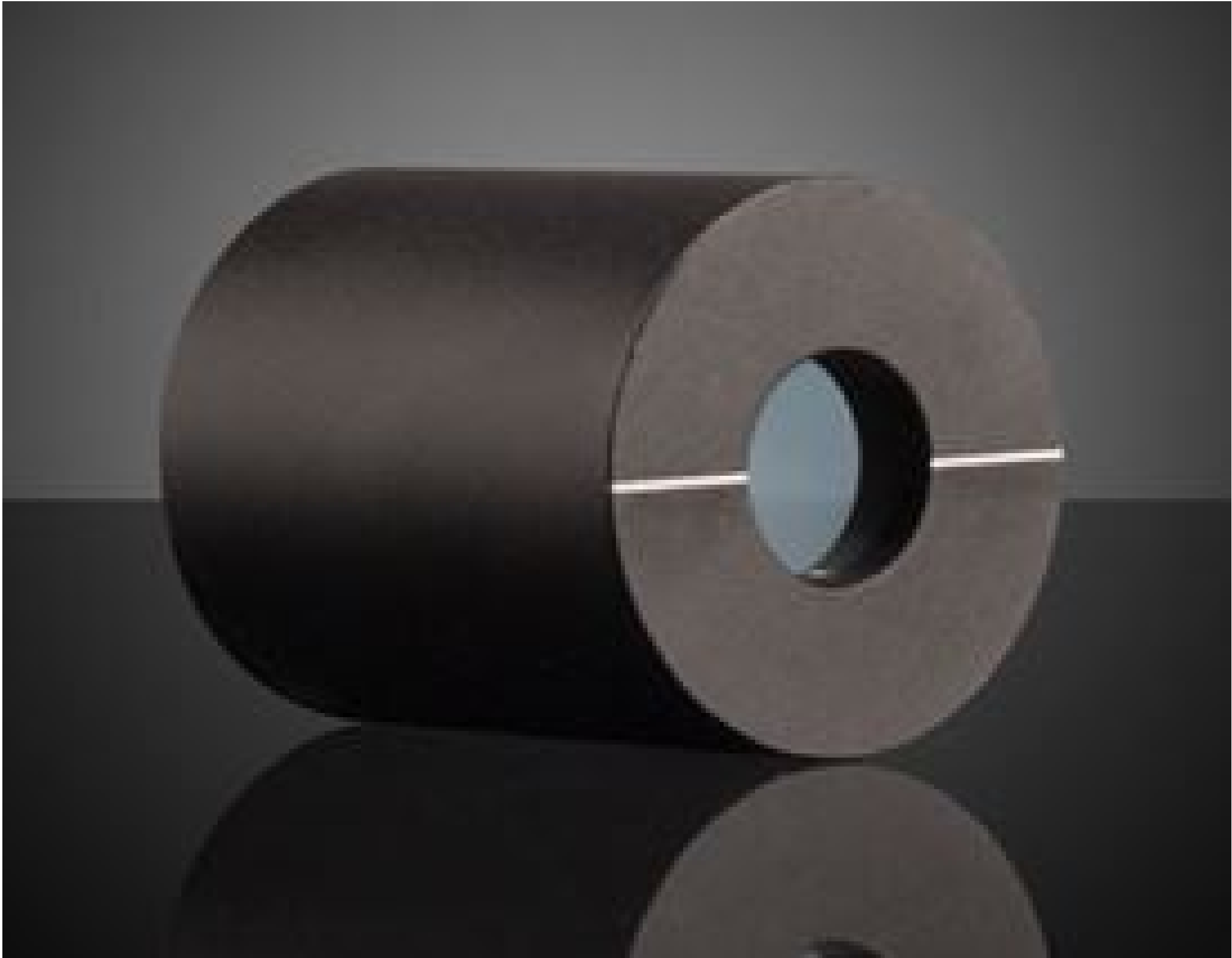


Glan-Thompson Polarizer 350 - 2200nm, 8mm



Glan-Thompson Polarizer

Stock **#89-544** [CONTACT US](#)

-

1

+

C\$1,106⁰⁰

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Volume Pricing	
Qty 1-5	C\$1,106.00 each
Qty 6+	C\$1,057.00 each
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Product Downloads

General

Linear Polarizer

Type:

Physical & Mechanical Properties

8.0

Clear Aperture CA (mm):

25.40

Diameter (mm):

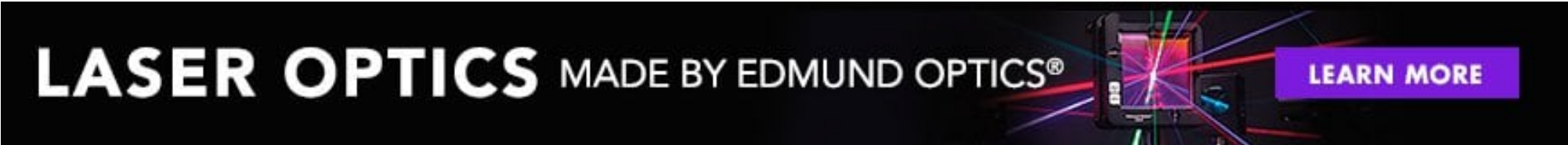
Length (mm):

28.00	
	Construction:
Crystalline Glan-Thompson Polarizer	
Optical Properties	
	Coating:
Single Layer MgF ₂	
	Extinction Ratio:
<5 x 10 ⁻⁵	
	Substrate: ☐
Calcite	
	Surface Quality:
20-10	
	Transmitted Wavefront, P-V:
λ/2 @ 632.8nm	
	Beam Deviation (arcmin):
<3	
	Transmitted Wavefront Distortion (RMS):
λ/4 @ 632.8 nm	
	Wavelength Range (nm):
350 - 2200	
	Damage Threshold, By Design: ☐
1 J/cm ² @ 1064nm, 10ns, 10Hz	
Regulatory Compliance	
	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 247:
Compliant	

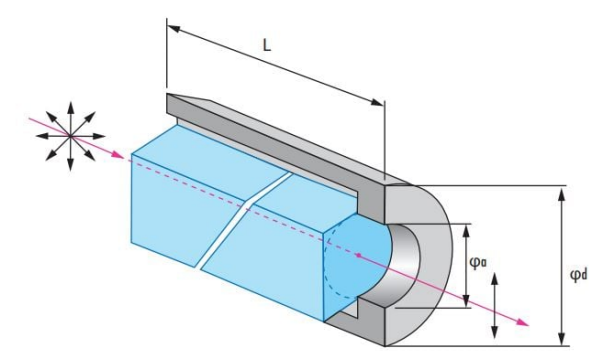
Product Details

- High Extinction Ratios up to 200 000:1
- High Laser Damage Thresholds up to 5 J/cm² @ 1064nm

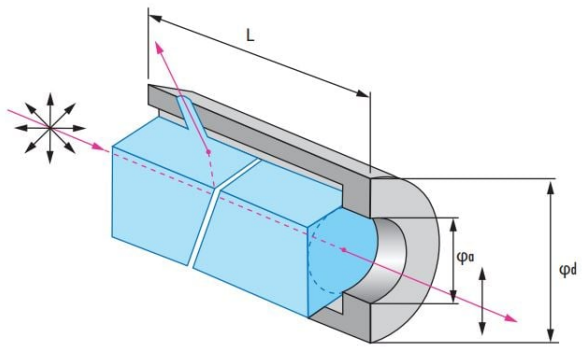
Glan-Type Polarizers are mounted, polarizing prisms used in applications that require broad spectral ranges, high extinction ratios, or high polarization purities. Glan-Taylor Polarizers are medium-power, air-spaced UV to NIR polarizers that transmit the extraordinary beam. The ordinary beam is then 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.



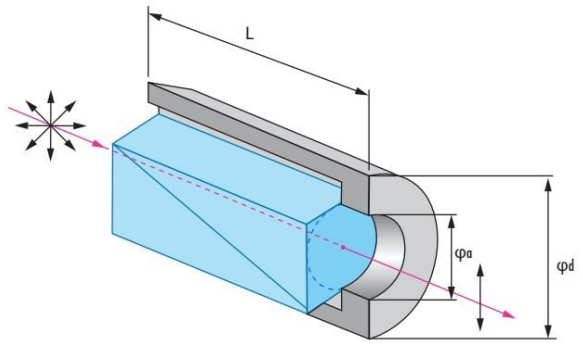
Technical Information



Glan-Taylor Polarizers



Glan-Laser Polarizers



Glan-Thompson Polarizers