

# Calcite Polarizers

## Description

Advanced(AD) Photonics can provide low cost calcite polarizers with high quality, based on manufacturing facility in China. We can make standard specification polarizers or high performance calcite prism based on customer's requirement.

## Standard Specifications

- Calcite grade: Optical, Laser and UV
- Wavelength Range: 350-2300nm  
220-2300nm
- Surface quality: 40-20 scratch and dig  
20-10 scratch and dig
- Dimensions Tolerance: ±0.1mm
- Beam Deviation: <3 arc minutes
- Extinction Ratio: <1x10<sup>-5</sup>
- Surface Flatness:  $\lambda$ </4 @ 633nm

## Calcite polarizers

- ✓ Glan-Thompson Polarizer
- ✓ Glan-Taylor Polarizer
- ✓ Glan-Laser Polarizer
- ✓ Rochon Polarizing Beam-splitter Prism
- ✓ Wallaston Polarizing Beam-splitter Prism
- ✓ Beam Displacer

Price Information of Standard Products(for reference)				
Calcite Polarizer	5mmx5mm	10mmx10mm	15mmx15mm	20mmx20mm
Wollaston Prisms	\$250	\$300	\$450	\$850
Glan Laser prisms	\$250	\$300	\$450	\$850
Glan-Tylor prisms	\$250	\$300	\$450	\$850
Glan-Thompson Prisms L/A=3.0	\$300	\$380	\$580	\$1300
Beam Displacer	\$220	\$280	\$400	\$800

## AD Photonics

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## Product Information

- Low price and high quality
- Delivery time: 5 weeks
- We accept small and large quantity order