



カルサイト

Calcite

General Capabilities

- Full range of polarising prisms
- Mounting services
- Coatings

Background

Gooch & Housego offer a comprehensive range of calcite prism polarising optics manufactured from the highest quality material to achieve excellent performance in terms of extinction-ratio and damage threshold.

Types of Prism

- Glan-Laser
 - no escape window
 - single escape window
 - double escape window
 - Brewster double escape
- Glan-Thompson
- Beamsplitter Glan-Thompson (Foster prisms)
- Rochon prisms
- Wollaston prisms
- Beamsplitting plates and blocks

Glan-Laser Outline Specification

Spectral Range:	215nm to 2.3 μ m
Aperture:	5, 7, 10, 15mm etc
Extinction Ratio:	$> 10^5 : 1$
Transmission:	$> 88\%$ uncoated
	$> 94\%$ broadband
	$> 97\%$ v-coated
Transmitted Beam Deviation:	< 3 arc minutes
Transmitted Wavefront Distortion:	$< \lambda/10$
Damage Threshold:	$> 500\text{MW}/\text{cm}^2$
	(with escape window)

Value Added Service

A team of scientists are available to discuss your special requirements. We also offer a complete OEM service, waveplates can be packaged, traceable and shipped direct to inventory. For lower volumes many types are immediately available, please enquire.



光技術をサポートする

株式会社オプトサイエンス

<http://www.optoscience.com>

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