



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:	> 500MW/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.



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東京本社 〒160-0014 東京都新宿区内藤町1番地 内藤町ビルディング
TEL: 03 (3356) 1064 FAX: 03 (3356) 3466 E-mail: info@optoscience.com
大阪支店 〒532-0011 大阪市淀川区西中島7-7-2 新大阪ビル西館
TEL: 06 (6305) 2064 FAX: 06 (6305) 1030 E-mail: osk@optoscience.com
名古屋営業所 〒450-0002 名古屋市中村区名駅2-37-21 東海ソフトビル
TEL: 052 (569) 6064 FAX: 052 (569) 8064 E-mail: ngo@optoscience.com