

LEYSOP LTD.

UK PRICE LIST

Polarising Optics

Glan-Taylor

GT10	10mm	£265	Optical coatings – single layer on input, output and side exit faces, add £35 per face coated. Single polished side exit face, add £65. Double polished side exit face, add £110. Mounted in black anodised cylinder, add £40. Cylinder sizes: 12-25mm Ø, 15, 18, 20-35mm long. 25-50mm Ø, 35mm long. 30-50mm Ø, 45mm long.
GT12	12mm	£330	
GT15	15mm	£475	
GT18	18mm	£660	
GT20	20mm	£860	
GT25	25mm	£1,125	
GT30	30mm	£1,600	

Brewster Cut Glan-Taylor Low Loss Polarizer

GTB10	10mm	£755	This polarizer uses a Brewster cut input and output face and an internal interface which is almost at Brewster's angle for exceptionally low insertion loss.
GTB12	12mm	£935	

Orthogonal Output Glan-Taylor in Mount

This polariser has two side exit windows with outputs orthogonal to main beam axis and is mounted in an anodised aluminium alloy housing as standard.

GLBS10	9mm clear aperture	£705	Including single layer anti-reflection coating.
GLBS12	11mm clear aperture	£1,125	

Glan-Thompson

Short Version			Long Version		
GTM8	8 x 8 x 20mm	£300	GTML8	8 x 8 x 24mm	£360
GTM10	10 x 10 x 25mm	£430	GTML10	10 x 10 x 30mm	£490
GTM12	12 x 12 x 30mm	£725	GTML12	12 x 12 x 36mm	£965
GTM15	15 x 15 x 38mm	£1,025	GTML15	15 x 15 x 45mm	£1,390
GTM20	20 x 20 x 50mm	£1,840	GTML20	20 x 20 x 60mm	£2,665

Calcite Wollaston

Calcite Rochon

20° Deviation			10° Deviation		
BSW/C	10mm	£290	BSR/C	10mm	£290
BSW/C	12mm	£245	BSR/C	12mm	£245
BSW/C	15mm	£530	BSR/C	15mm	£530
BSW/C	20mm	£815	BSR/C	20mm	£815

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Quartz Wollaston

Quartz Rochon

1° Deviation			0.5° Deviation		
BSW/Q	10mm	£345	BSR/Q	10mm	£345
BSW/Q	12mm	£410	BSR/Q	12mm	£410
BSW/Q	15mm	£575	BSR/Q	15mm	£575
BSW/Q	20mm	POA*	BSR/Q	20mm	POA*

* Price On Application

Optically contacted Wollaston and Rochon types are available; add £60 nett.

Optical coatings; add £35 per face coated.

Mounted in black anodised cylinder; add £40

Calcite Lyot De-Polariser

CLD10	Two plates 2.5 and 5.0mm thick, axes at 45°	10mm diameter	£415
CLD25	Two plates 2.5 and 5.0mm thick, axes at 45°	25mm diameter	£625

Prices include single layer anti-reflection coatings.

Quartz Low Order Retardation Plates – Mounted ($\lambda/4$ - $\lambda/2$)

For Stock Items Only			Price	
Model	Clear Aperture	Mount Diameter	Un-Coated	Coated
QWP10	10mm	25mm	£140	£210
QWP20	20mm	25mm	£210	£345
QWP25	25mm	35mm	£280	£425
QWP30	30mm	40mm	£390	£560

Price reductions available for quantities - Please enquire

High Power Laser Attenuator

HLP10	9mm clear aperture	£1,145	30mm Cage system compatible design. Including single layer anti-reflection coatings.
HLP12	11mm clear aperture	£1,300	
HLP15	14mm clear aperture	£1,550	
For high precision version with micrometer adjustment: Add £100			

45° Faraday Rotators and Isolators; 5mm Aperture

		Excluding Polarisers	Including Polarisers
FOI 5/57	0.5-0.75µm	£1,150	£1,490
FOI 5/57	0.75-0.85µm	£1,245	£1,710
FOI 5/57	0.85-0.90µm	£1,320	£1,835
FOI 5/57BB	0.70-0.90µm Broad Band (90°)	£1,375	£1,825
FOI 5/57UWB	0.65-1.1µm	£1,750	£2,100
FOI 5/711	0.85-1.1µm	£1,440	£1,895

8mm Aperture rotators/isolators are available; Rotator: £2,950, Isolator: £3,535

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Electro-Optics

Low Voltage Modulators

EM200A	£825	EM400A	£1,080	Prices include anti-reflection coatings on windows. UV operation requires fused silica windows at extra cost.
EM200K	£995	EM400K	£1,190	
EM200L	£1045	EM400L	£1,400	

Transverse Field Lithium Niobate Pockels Cells for Q-Switching

These can be supplied in a variety of custom sizes and with AR coatings for wavelengths as required. Bare electroded crystals or complete package units can be supplied. Please enquire for prices
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Longitudinal Field KD*P Pockels Cells for Q-Switching

EM508	8mm Aperture	£760	Prices include AR coatings on windows and fluorocarbon filling. Dry cells; +£200@1064 Prices assume one HV BNC 50Ω connector. Add £25 per additional connector (4 max)
EM510	10mm Aperture	£840	
EM512	12mm Aperture	£965	
EM515	15mm Aperture	£1,680	
EM520	20mm Aperture	£2,750	

Compact Longitudinal Field KD*P Pockels Cells for OEM Q-Switching

EM508M	8mm Aperture	£795	Removable pin or M2.5 stud contacts may be specified. Price assumes fluorocarbon filling. Dry cells available at additional cost (e.g. +£200 at 1064nm)
EM510M	10mm Aperture	£910	
EM512M	12mm Aperture	£1,060	
EM520M	20mm Aperture	£2,750	
EM510C	10mm Aperture	£850	Dry, 1047-1080nm standard

Double Crystal 8mm Pockels Cells for Lower Voltage Q-switching

EM508/2	Two crystal version of EM508	£1,885
EM508M/2	Two crystal version of EM508M	£1,885
EM510M/2	Two crystal version of EM510M	£2,125

Special Pockels Cells for Pulse Slicing and Pulse Picking

UPC069	6mm aperture ultra fast (180ps) Pockels cell. Fluid filled or dry, un-coated crystals at 532/1064nm.	£2,200
UPC069/2	Double crystal version of UPC069 for half voltage operation. Fluid filled.	£2,760
EM505	5mm aperture 3 electrode Pockels cell ideal for use with two avalanche drivers etc. Fluid filled	£1,520

100kHz RTP Q-Switch System (standard AR coating for 1064nm e.g.)

3mm Aperture RTP Q-switch	Price On Application
4mm Aperture RTP Q-switch	Price On Application
6mm Aperture RTP Q-switch	Price On Application
100kHz 2kV Q-switch driver	Price On Application

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Phase Modulators

PM10-/50MHz - Single frequency	£1,600 without driver
PM50-/100MHz - Single frequency	£1,400 without driver
PM2-500MHz – Wide band	£2,200 without driver

Custom Pockels cells and modulators for special applications are also available. Please enquire.

Electro-Optic Deflectors (lithium niobate or lithium tantalate for general applications)

ED1	1mm Aperture	£1,250
ED2	2mm Aperture	£1,525
ED3	3mm Aperture	£1,850

High Laser Damage Electro-Optic Deflector for Q-switching applications

ED1H	1mm Aperture	£1,800
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Electronics

Analogue Drivers for Electro-Optic Modulators

M250	£2,485
M5000	£3,450

High Voltage Generators for Q-Switching

1-8kV, 3ns fall time switch to ground step generator	£5,750
8K2K, 8kV, 2kHz max pulse driver	£5,225

900V Pulse Generator for Deflector Q-switch

900V, 5ns rise time, up to 20kHz prf	£2,000
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Other drivers are available for specialist applications including sub-ns for use with UPC; please enquire for any requirements not shown above.

All prices are nett and exclude VAT, postage and packaging. Payment terms on application. Prices and specifications are for guidance only, subject to change without notice. Please enquire for a quotation against your specific requirements.