

a-BBO Rochon Polarizer



Stock **#68-827** 20+ In Stock

-

1

+

£1,020⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	£1,020.00 each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Linear Polarizer

Physical & Mechanical Properties

Clear Aperture CA (mm):

10.0

Diameter (mm):

25.40

Length (mm):

18.00

+0.0/-0.2	Dimensional Tolerance (mm):
Crystalline Rochon Polarizer	Construction:
±0.1	Length Tolerance (mm):
Black Anodized Aluminum	Housing:
Optical Properties	
200,000:1	Extinction Ratio:
α-BBO	Substrate: □
20-10	Surface Quality:
λ/4 @ 632.8nm	Transmitted Wavefront, P-V:
<3	Beam Deviation (arcmin):
200 - 3500	Wavelength Range (nm):
10 J/cm² @ 1064nm, 20ns	Damage Threshold, By Design: □
8.0 - 14 (8 @ 800nm)	Separation Angle (°):
Regulatory Compliance	
View	Certificate of Conformance:

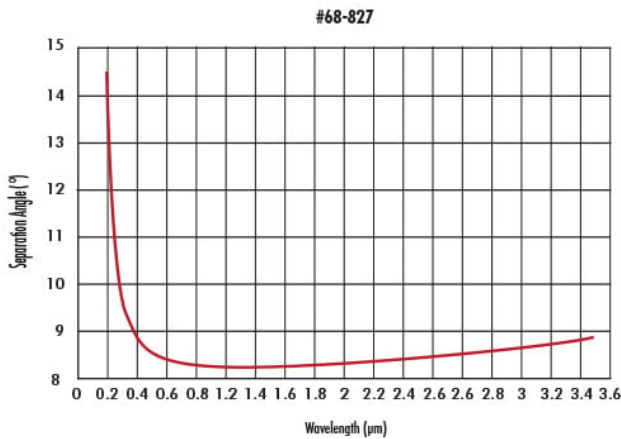
Product Details

- Multiple Polarization Materials Available
- Ordinary Rays Pass Through Undeviated
- Extraordinary Rays Deviate
- [Wollaston Polarizers](#) Also Available

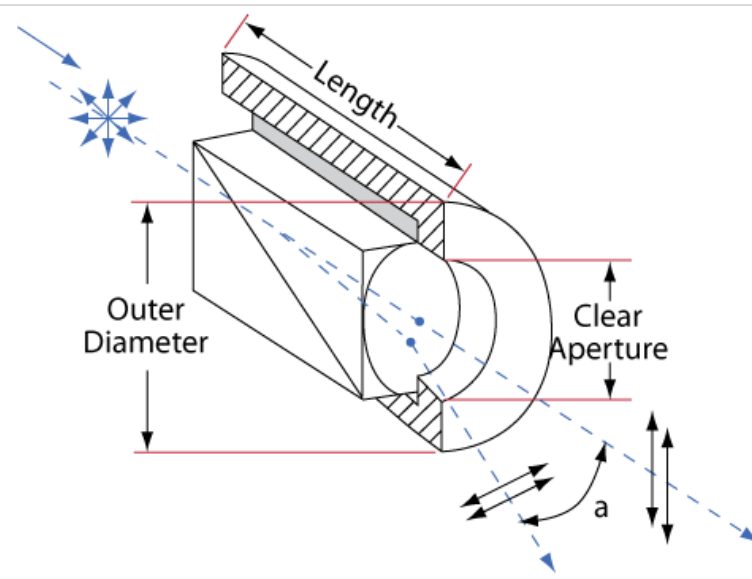
Rochon Polarizers consist of two birefringent material prisms in optical contact with one another. The ordinary and extraordinary rays remain collinear through the first prism. Upon entering the second prism, the ordinary rays do not experience a change in the refractive index and pass through the prism without deviation, while the extraordinary rays refract at the interface.



Technical Information



Stock No.	Outer Diameter	Clear Aperture	Length
#68-824	25.4mm	10.0mm	28.0mm
#68-825	25.4mm	10.0mm	28.0mm
#68-826	25.4mm	10.0mm	16.0mm
#68-827	25.4mm	10.0mm	18.0mm



;