

a-BBO Rochon Polarizer



Stock #68-827 **3 In Stock**

MRP ₹1,28,635

● Price inclusive of all taxes

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Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1+ | ₹1,28,635 each |
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General

Linear Polarizer **Type:**

Physical & Mechanical Properties

10.0 **Clear Aperture CA (mm):**

25.40 **Diameter (mm):**

18.00 **Length (mm):**

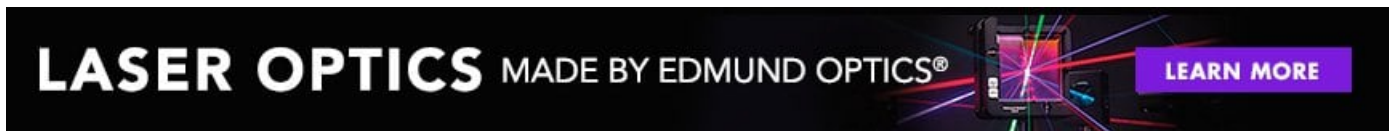
| | |
|--|--|
| Dimensional Tolerance (mm): | |
| +0.0/-0.2 | |
| Construction: | |
| Crystalline Rochon Polarizer | |
| Length Tolerance (mm): | |
| ±0.1 | |
| Housing: | |
| Black Anodized Aluminum | |
| Optical Properties | |
| Extinction Ratio: | |
| 200,000:1 | |
| Substrate: <input type="checkbox"/> | |
| α-BBO | |
| Surface Quality: | |
| 20-10 | |
| Transmitted Wavefront, P-V: | |
| λ/4 @ 632.8nm | |
| Beam Deviation (arcmin): | |
| <3 | |
| Wavelength Range (nm): | |
| 200 - 3500 | |
| Damage Threshold, By Design: <input type="checkbox"/> | |
| 10 J/cm ² @ 1064nm, 20ns | |
| Separation Angle (°): | |
| 8.0 - 14 (8 @ 800nm) | |

| | |
|---|--|
| Regulatory Compliance | |
| Certificate of Conformance: | |
| View | |
| Country of Origin: | |
| China | |
| Imported By: | |
| Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000 | |

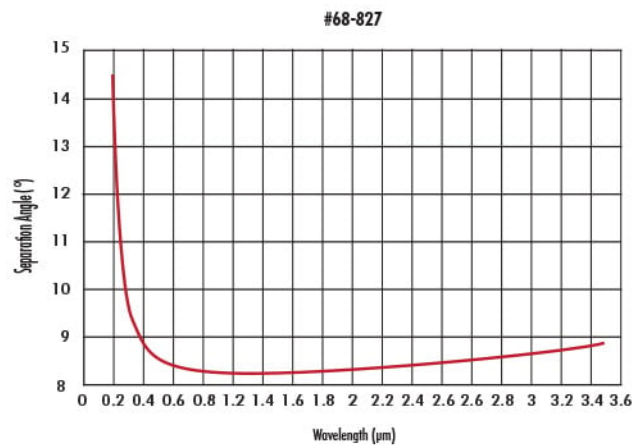
Product Details

- 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 |
| □ | | | |
