

MgF₂ Rochon Polarizer



Stock #68-825 **11 In Stock**

MRP ₹1,07,448

i Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹1,07,448 each
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General

Linear Polarizer **Type:**

Physical & Mechanical Properties

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

25.40 **Diameter (mm):**

28.00 **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:**

10,000:1

Substrate: MgF₂**Surface Quality:**

20-10

Transmitted Wavefront, P-V:

λ/4 @ 632.8nm

Beam Deviation (arcmin):

<3

Wavelength Range (nm):

130 - 7000

Damage Threshold, By Design: 10 J/cm² @ 1064nm, 20ns**Separation Angle (°):**

1.0 - 2.0 (1 @ 980nm)

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.

LASER OPTICS MADE BY EDMUND OPTICS®  [LEARN MORE](#)

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

