

Quartz Wollaston Polarizer



Stock #68-820 [CONTACT US](#)

- 1 + MRP ₹76,173

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹76,173 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 Wollaston Polarizer	
Length Tolerance (mm):	
±0.1	
Housing:	
Black Anodized Aluminum	
Optical Properties	
Extinction Ratio:	
20,000:1	
Substrate: <input type="checkbox"/>	
Quartz	
Surface Quality:	
20-10	
Transmitted Wavefront, P-V:	
λ/4 @ 632.8nm	
Beam Deviation (arcmin):	
<3	
Beam Separation (°):	
2 - 3 2±0.1 @ 1064nm	
Wavelength Range (nm):	
200 - 2300	
Damage Threshold, By Design: <input type="checkbox"/>	
10 J/cm ² @ 1064nm, 20ns	
Separation Angle (°):	
2 - 3 (2±0.1@1064nm)	

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	

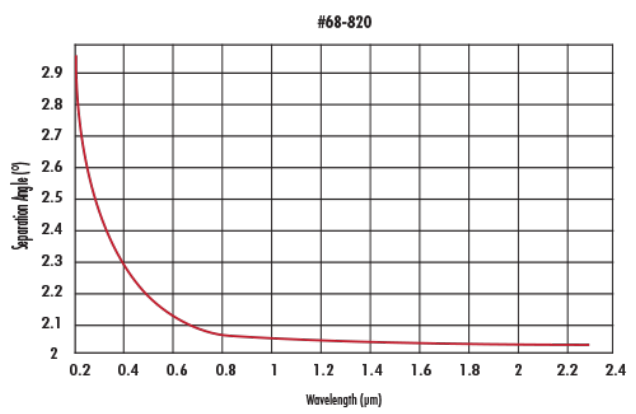
Product Details

- Multiple Polarization Materials Available
- UV to IR Ranges Offered
- Large Deviation of Ordinary and Extraordinary Rays
- [Rochon Polarizers](#) Also Available

Wollaston Polarizers consist of two birefringent right angle prisms cemented together, such that their optical axes are perpendicular. As light passes through the polarizer, a symmetric deviation between the ordinary and extraordinary beams is created. The resulting beams are of orthogonal linear polarization states and have equal intensity and a large angular deviation. Users have access to both the ordinary and extraordinary rays, making them ideal for laboratory experiments.



Technical Information



Stock No.	Outer Diameter	Clear Aperture	Length	Separation Angle α (°)
#68-820	25.4mm	10.0mm	28.0mm	2 - 3 (2 @ 1064nm)
#68-821	25.4mm	10.0mm	18.0mm	16.7 - 22.5 (19 @ 980nm)

#68-822	25.4mm	10.0mm	18.0mm	19.6 - 23.3 (20 @ 1550nm)
#68-823	25.4mm	10.0mm	18.0mm	15 - 27 (16 @ 800nm)

