

## 25mm Diameter High Contrast Mid-Wave Infrared Polarizer



Stock **#90-387** NEW **1 In Stock**

-

1

+

₹1,47,900

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | ₹1,47,900 each                |
| Qty 11+        | ₹1,18,320 each                |
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General

Type:

Linear Polarizer

Physical & Mechanical Properties

Clear Aperture CA (mm):

23.75

Diameter (mm):

25.00 +0.0/-0.2

Thickness (mm):

2.00 ±0.50

|                                                      |                                     |
|------------------------------------------------------|-------------------------------------|
| Nanoparticle                                         | Construction:                       |
| 95                                                   | Clear Aperture (%):                 |
| Optical Properties                                   |                                     |
| Uncoated                                             | Coating:                            |
| >10,000:1 (2000-4500nm)<br>>1,000:1 (1500-5000nm)    | Extinction Ratio:                   |
| Sodium Silicate Glass Doped with Glass Nanoparticles | Substrate: <input type="checkbox"/> |
| 60-40                                                | Surface Quality:                    |
| >65 (2000nm-4500nm)<br>>35 (1500-5000nm)             | Transmission (%):                   |
| <3 waves @ 633nm per 1cm                             | Transmitted Wavefront, P-V:         |
| <20                                                  | Beam Deviation (arcmin):            |
| <0.5 (to indicated edge)                             | Polarization Axis Mark (%):         |
| 1500 - 5000                                          | Wavelength Range (nm):              |
| ±20                                                  | Acceptance Angle (°):               |
| Threading & Mounting                                 |                                     |
| Unmounted                                            | Mount Thickness (mm):               |
| Environmental & Durability Factors                   |                                     |
| -50 to +400                                          | Operating Temperature (°C):         |
| Regulatory Compliance                                |                                     |
| <a href="#">View</a>                                 | Certificate of Conformance:         |
| Germany                                              | Country of Origin:                  |
| Edmund Optics India Private Limited                  | Imported By:                        |

## Product Details

- 1.5 – 5µm Wavelength Range
- Mounted for Easy Handling and System Integration
- Highly Durable Soda Lime Substrate

Featuring high contrast ratios and transmittances, Mid-Wave Infrared (MMIR) Polarizers are designed for applications operating in the 1.5 – 5µm wavelength range. Ideal for harsh environments, each MMIR polarizer is constructed of a dichroic glass substrate which provides a high resistance to UV radiation and chemicals, as well as an operating temperature of up to 400°C.