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## 500µm Aperture Diameter, Chrome on Glass Aperture



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MRP ₹18,665

Price inclusive of all taxes

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### Product Downloads

### Physical & Mechanical Properties

Outer Diameter (mm):  
25.4

Fixed Aperture Diameter (µm):  
500 ± 5.0

Thickness (inches):  
0.06 ± 0.004

Thickness (mm):  
1.52

Thickness Tolerance (mm):  
±0.1

## Optical Properties

Low Reflective Chrome **Coating:**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

United States **Country of Origin:**

**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

- Chrome Coating on Glass Substrate
- Ideal for Precise Beam Control, Modulation, or Optical Alignment
- Pinhole Diameters Ranging from 10 $\mu$ m to 1,000 $\mu$ m

Chrome Coated Glass Optical Apertures are composed of soda lime float glass with low reflective chrome coating for high-contrast performance. These apertures are designed with pinhole diameters ranging from 10 $\mu$ m to 1000 $\mu$ m. The apertures have an overall diameter of 25.4mm (1") and a thickness of 1.52mm, ensuring easy integration with a wide variety of optical mounts. Chrome coating on glass provides a stable and circular aperture diameter immune to bending or creasing. Chrome Coated Glass Optical Apertures are designed to provide high-precision light control, ideal for beam shaping, spatial filtering, and alignment in advanced photonic systems.