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50µm Aperture Diameter, Chrome on Glass Aperture



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A\$296⁰⁰

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Physical & Mechanical Properties

25.4	Outer Diameter (mm):
50 ±3.0	Fixed Aperture Diameter (µm):
0.06 ±0.004	Thickness (inches):
1.52	Thickness (mm):
±0.1	Thickness Tolerance (mm):

Optical Properties

Low Reflective Chrome

Coating:

Regulatory Compliance

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Certificate of Conformance:

Product Details

- Chrome Coating on Glass Substrate
- Ideal for Precise Beam Control, Modulation, or Optical Alignment
- Pinhole Diameters Ranging from 10 μ m to 1,000 μ 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 μ m to 1000 μ 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.