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## 25.4mm Dia., Gold Coated, Aluminum Substrate Mirror



Metal Substrate Mirrors

Stock **#47-114** **1 In Stock**

MRP ₹34,908

**Price inclusive of all taxes**

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹34,908 each
Qty 6-25	₹31,377 each
Qty 26-49	₹29,763 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Flat Mirror **Type:**

### Physical & Mechanical Properties

25.40 +0.00/-0.38 **Diameter (mm):**

**Thickness (mm):**

9.50

Clear Aperture (%):

90

Surface Roughness (□):

<175

### Optical Properties

Wavelength Range (μm):

0.7 - 12

Coating Type:

Metal

Coating:

Protected Gold (700-12000nm)

Wavelength Range (nm):

700 - 12000

Substrate: □

Aluminum 6061-T6

Coating Specification:

R<sub>avg</sub> >94% @ 700 - 800nm  
R<sub>avg</sub> >97% @ 800 - 2000nm  
R<sub>avg</sub> >98% @ 2 - 12μm

Surface Quality:

80-50

Surface Flatness (RMS):

λ/4

### Threading & Mounting

Mounting Threads:

6-32 TPI Tapped Holes

### Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 247:

Compliant

Country of Origin:

United States

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

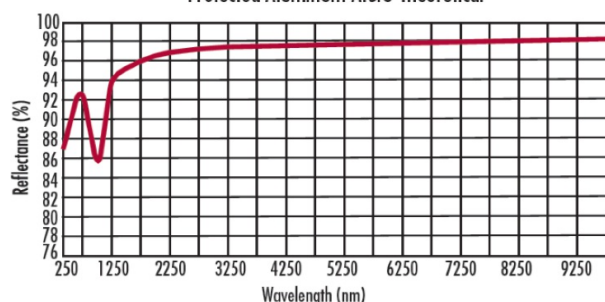
## Product Details

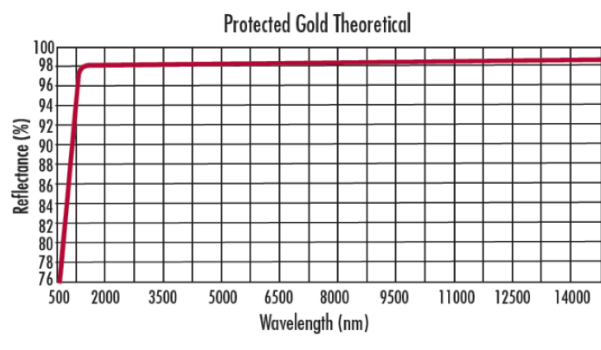
- Aluminum Substrate Mirrors
- Ideal for LWMR Laser Applications
- Aluminum and Gold Coating Options

Metal Substrate Mirrors are available with either a protected aluminum or gold coating and are ideal for LWMR (greater than 2000nm) laser applications. Due to the 17.5nm roughness of the diamond turned surface, these mirrors may not be suitable for UV and visible applications that require low scatter. The backs of the mirrors are machined flat and are tapped with 3 holes for easy, accurate mounting. Metal Substrate Mirrors are aluminum substrate, diamond turned metal mirrors. These mirrors are available in five diameters: 25.4, 38.1, 50.8, 76.2, and 101.6mm.

## Technical Information

Protected Aluminum AISiO Theoretical





## Compatible Mounts

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