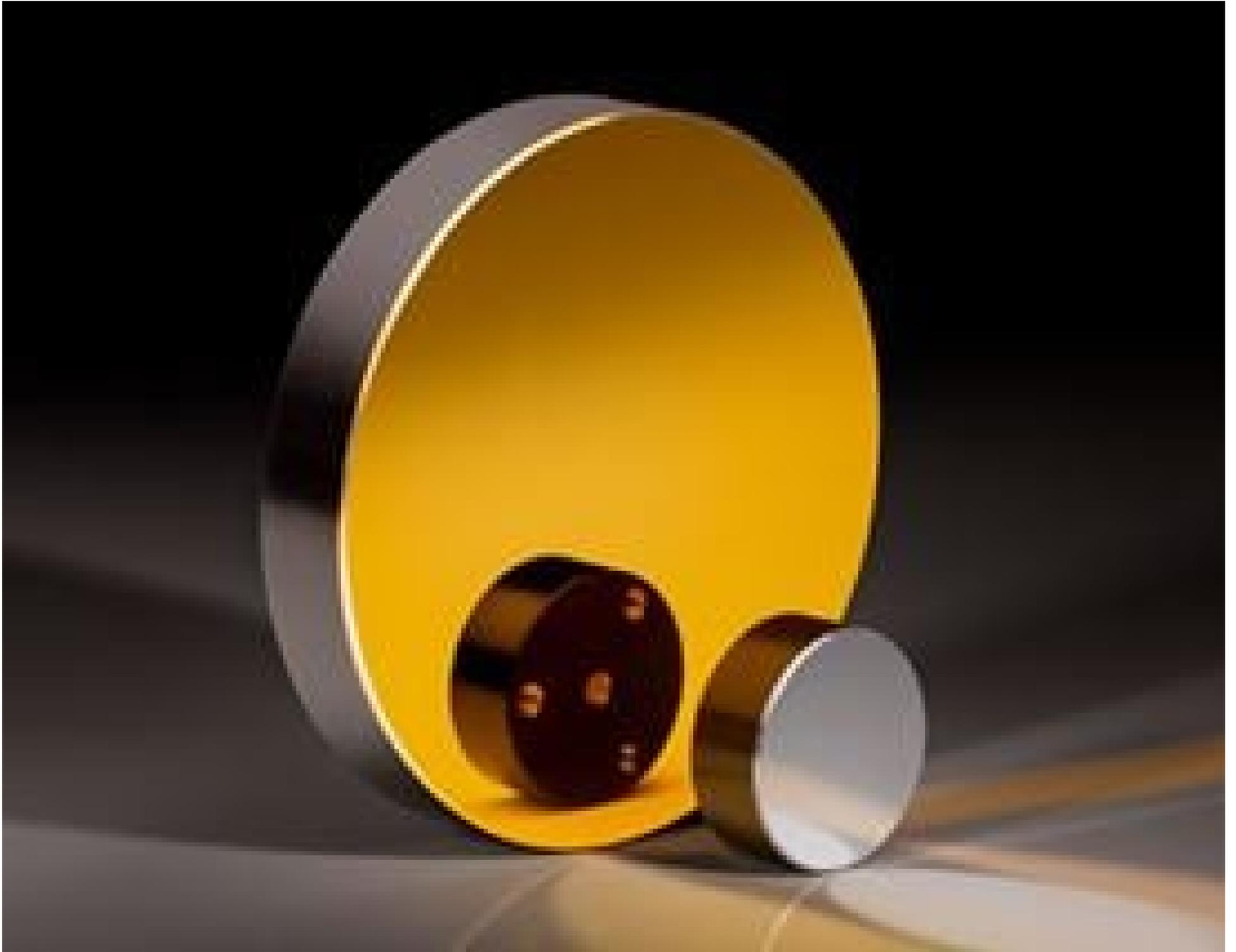


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50.8mm Dia., Gold Coated, Aluminum Substrate Mirror



Metal Substrate Mirrors

Stock #47-118 **10 In Stock**

⊖ 1 ⊕ ₹33,631

ADD TO CART

Volume Pricing	
Qty 1-5	₹33,631 each
Qty 6-25	₹30,206 each
Qty 26-49	₹28,571 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror Type:

Physical & Mechanical Properties

50.80 +0.00/-0.38 Diameter (mm):

90 Clear Aperture (%):

Surface Roughness (□):

<175

Thickness (mm):

9.50

Optical Properties

Substrate: □

Aluminum 6061-T6

Surface Quality:

80-50

Coating Specification:

R_{avg} >94% @ 700 - 800nm
R_{avg} >97% @ 800 - 2000nm
R_{avg} >98% @ 2 - 12μm

Coating:

Protected Gold (700-12000nm)

Coating Type:

Metal

Wavelength Range (μm):

0.7 - 12

Wavelength Range (nm):

700 - 12000

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

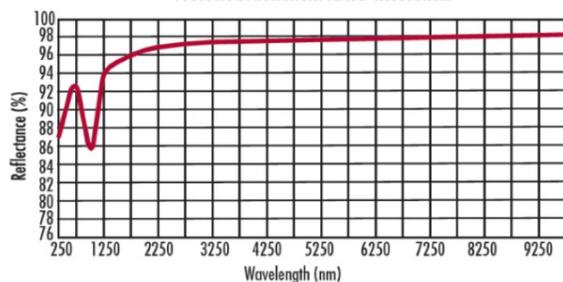
Product Details

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

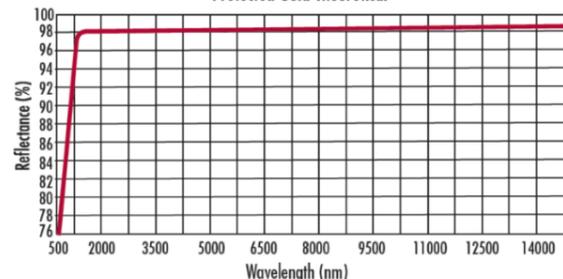
Metal Substrate Mirrors are available with either a protected aluminum or gold coating and are ideal for LWMR (greater than 2000nm) laser applications. Due to the 17.5nm roughness of the diamond turned surface, these mirrors may not be suitable for UV and visible applications that require low scatter. 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 AlSiO Theoretical



Protected Gold Theoretical



Compatible Mounts
