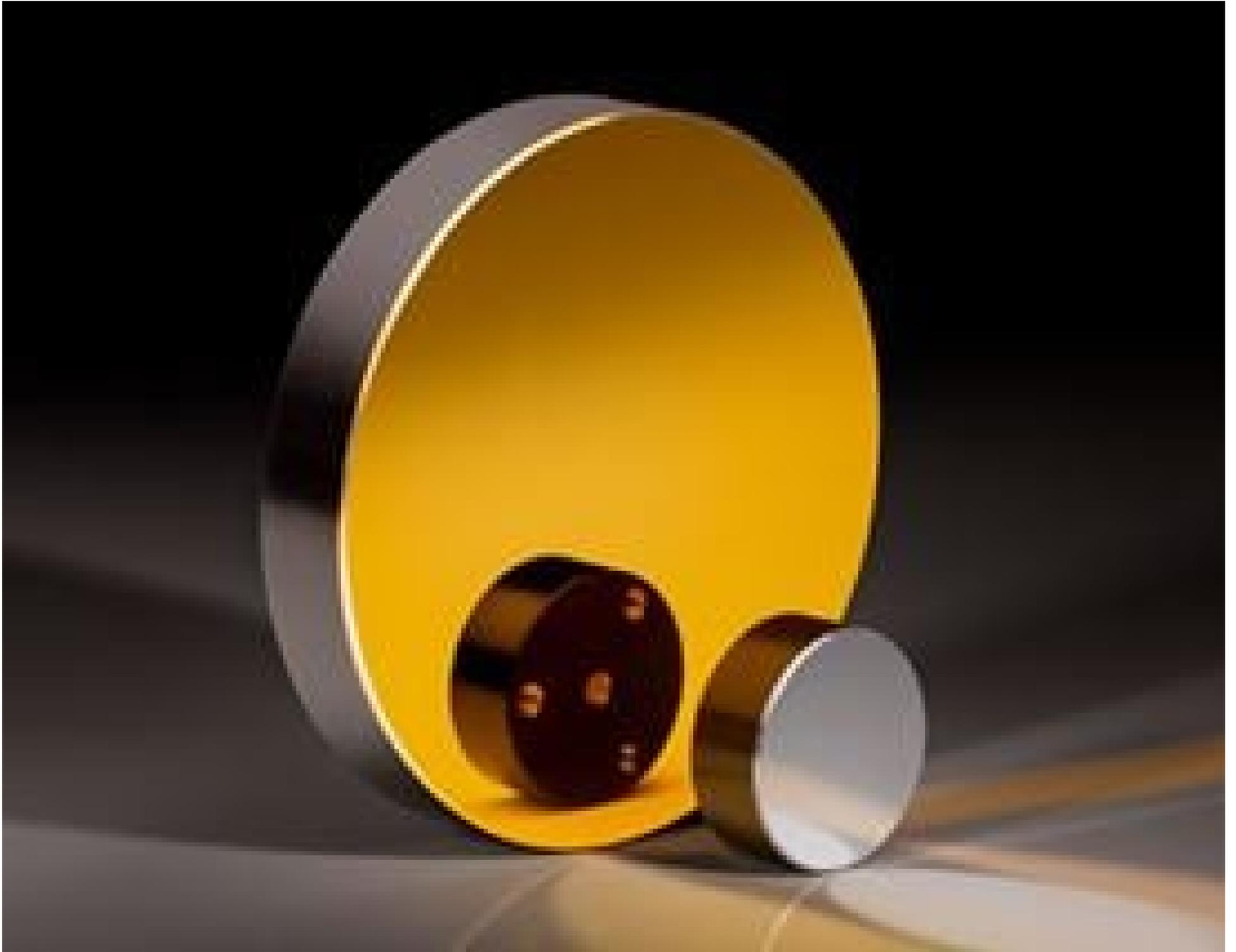


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## 38.1mm Dia., Gold Coated, Aluminum Substrate Mirror



Metal Substrate Mirrors

Stock **#47-116** **6 In Stock**

⊖ 1 ⊕ A\$640<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	A\$640.00 each
Qty 6-25	A\$576.00 each
Qty 26-49	A\$544.00 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Flat Mirror **Type:**

#### Physical & Mechanical Properties

38.10 +0.00/-0.38 **Diameter (mm):**

90 **Clear Aperture (%):**

Surface Roughness ( $\square$ ):

<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 - 12 $\mu$ m

Coating:

Protected Gold (700-12000nm)

Coating Type:

Metal

Wavelength Range ( $\mu$ m):

0.7 - 12

Wavelength Range (nm):

700 - 12000

Surface Flatness (RMS):

$\lambda/4$

## Threading & Mounting

Mounting Threads:

6-32 TPI Tapped Holes

## Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 247:

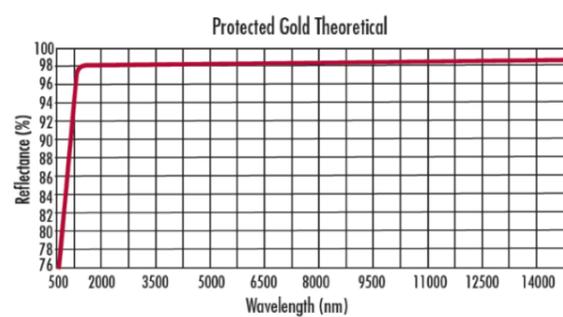
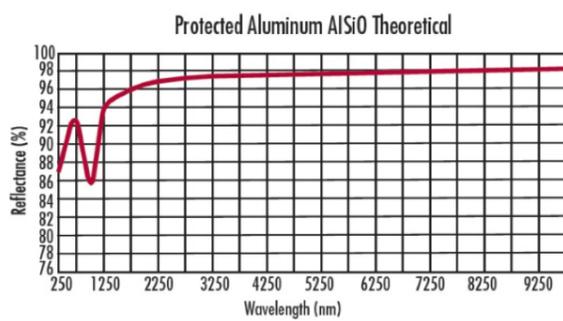
Compliant

## Product Details

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

Metal Substrate Mirrors are available with either a protected aluminum or gold coating and are ideal for LVMR (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



## Compatible Mounts

