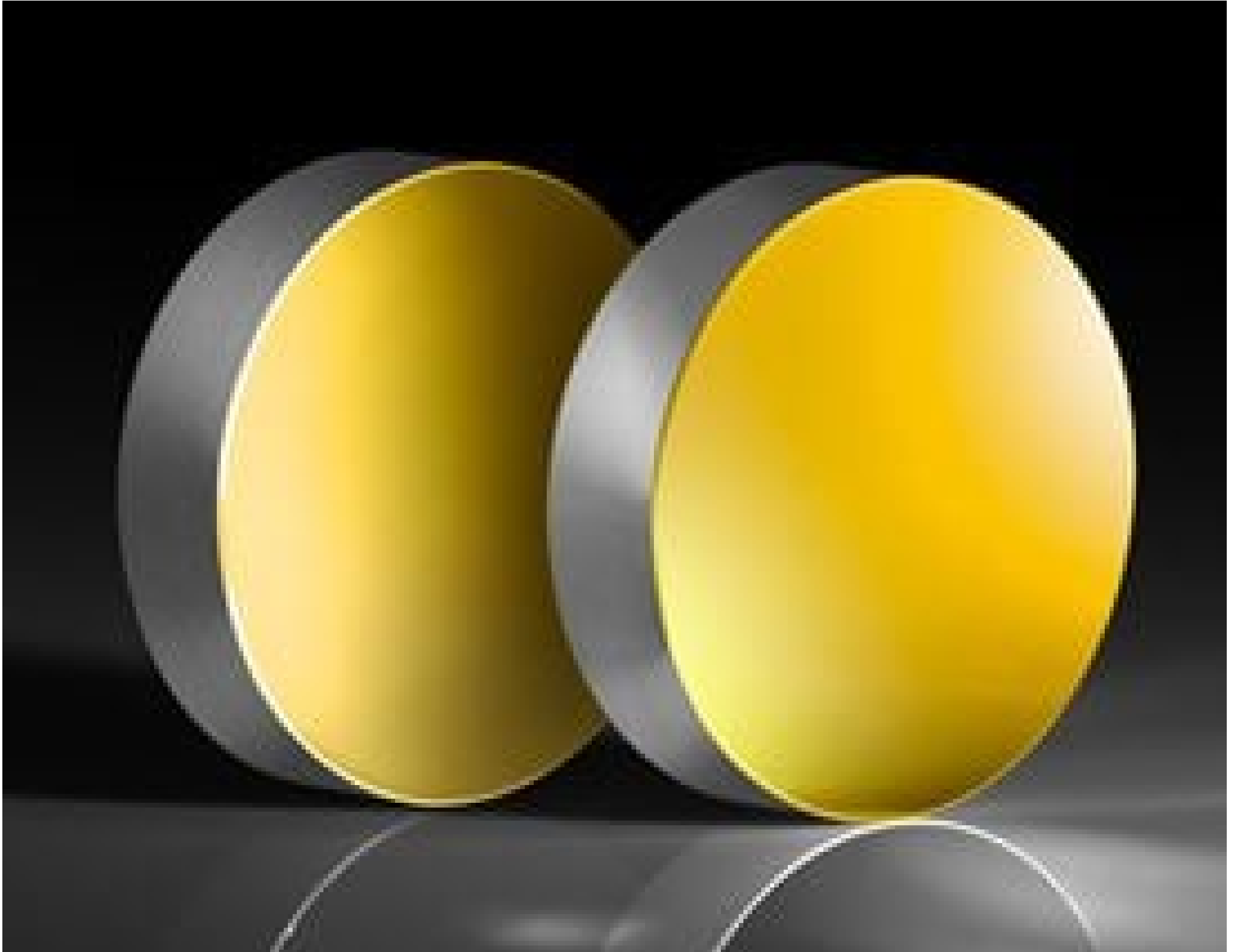


12.7mm Dia., Protected Gold Coated, ISP Optics $\lambda/4$ Mirror | P-MF-AU-12

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Stock #25-011 CLEARANCE **8 In Stock**

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SPECIFICATIONS

General

Flat Mirror **Type:**

P-MF-AU-12 **Model Number:**

Physical & Mechanical Properties

12.70 +0.00/-0.13 **Diameter (mm):**

Fine Grind **Back Surface:**

11.43 **Clear Aperture CA (mm):**

Fine Ground **Edges:**

6.35 ±0.20 **Thickness (mm):**

Optical Properties

λ/4 **Surface Flatness (P-V):**

Pyrex **Substrate:** □

40-20 **Surface Quality:**

R_{avg} ≥95% @ 3000 - 5000nm **Coating Specification:**

Protected Gold (3000-5000nm) **Coating:**

Metal **Coating Type:**

3000 - 5000 **Wavelength Range (nm):**

Regulatory Compliance

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

PRODUCT DETAILS

- Pyrex® Mirror Substrates
- Protected Gold Coating
- Ideal for LVMR Applications

ISP Optics Gold Coated Mirrors feature a protected gold coating on a Pyrex® mirror substrate with an operating wavelength range of 0.7 – 12µm. Protected gold is the most efficient reflective coating over the entire Infrared (IR) wavelength range. In addition, Pyrex® is a low-expansion material, making it relatively insensitive to temperature changes. As such, ISP Optics Gold Coated Mirrors are ideal for a wide range of IR applications. A protective dielectric overcoat is deposited over the gold to protect the fragile coating from damage and to make cleaning and handling easier.