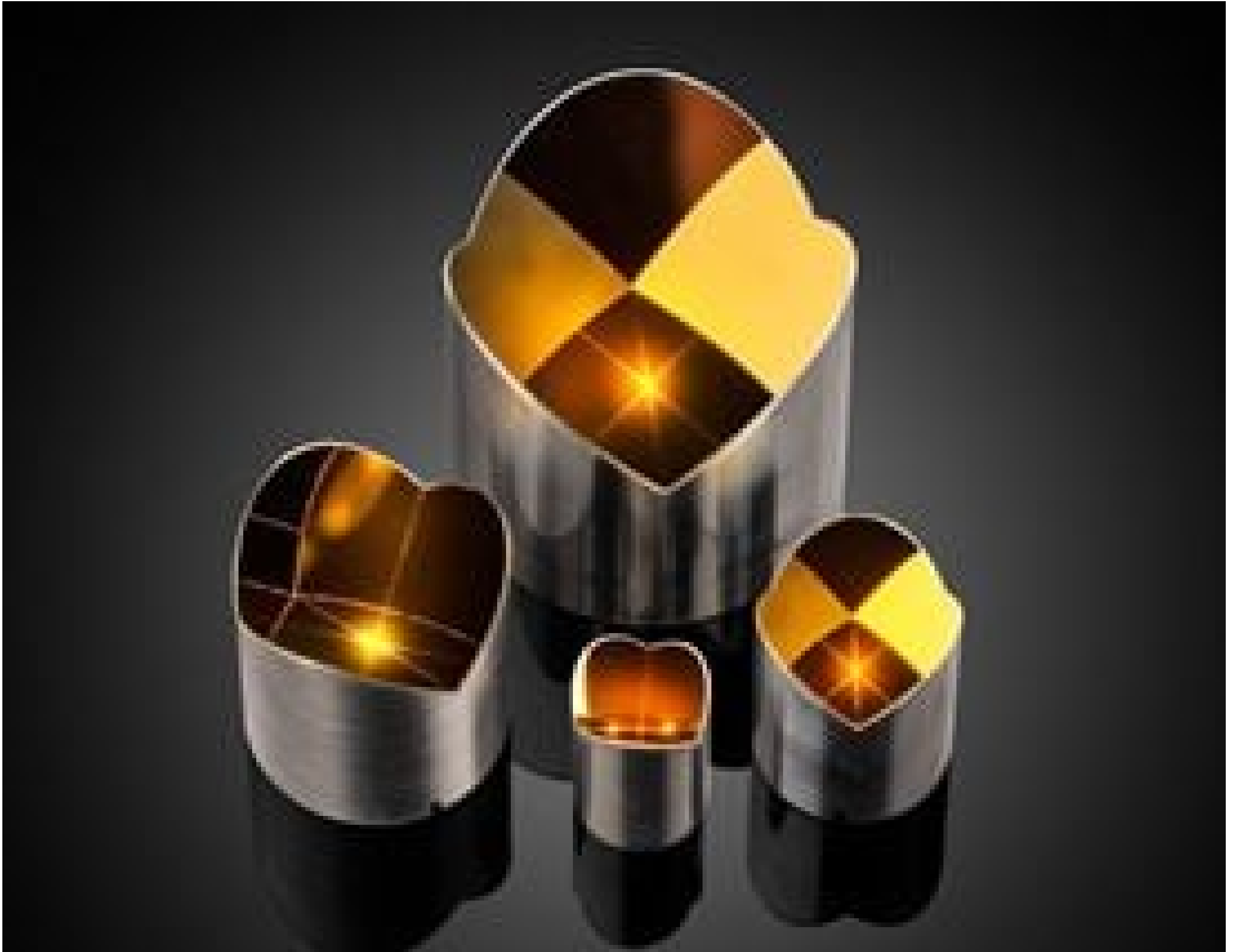


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25.4mm Dia., 10 Arcsec, Low Profile Enhanced Aluminum Replicated Hollow Metal Retroreflector



Replicated Hollow Metal Retroreflectors

Stock **#70-639** **3 In Stock**

MRP ₹44,461

! Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹44,461 each
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Product Downloads

General

Retroreflector **Type:**
Low Profile **Style:**

Physical & Mechanical Properties

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

25.40 **Diameter (mm):**

20.32 **Height (mm):**

+0.025/-0.051 **Dimensional Tolerance (mm):**

Optical Properties

10 **Beam Deviation (arcsec):**

Enhanced Aluminum **Coating:**

Aluminum **Substrate:** □

60-40 **Surface Quality:**

Left-Handed **Image Orientation:**

$R_{avg} > 89\%$ @ 250 - 450nm
 $R_{avg} > 85\%$ @ 250 - 700nm **Coating Specification:**

180 **Ray Deviation (°):**

250 - 700 **Wavelength Range (nm):**

Threading & Mounting

M2 x 0.4 **Mounting Threads:**

Regulatory Compliance

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

United States **Country of Origin:**

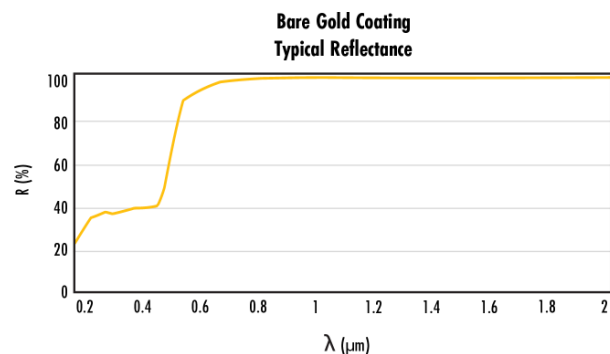
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000 **Imported By:**

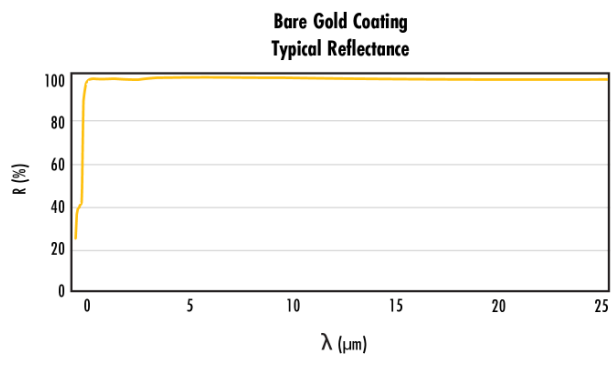
Product Details

- Monolithic Aluminum Construction
- Return Beam Accuracy Unaffected by Vibration
- Bare Gold or Enhanced Aluminum Coating Options
- Low Profile Versions are Available

Replicated Hollow Metal Retroreflectors feature a monolithic aluminum construction and an integrated mount to provide return beam performance unaffected by vibration. These retroreflectors are offered with bare gold coatings applied to the first surface, maximizing their reflectivity in the infrared (IR), or enhanced aluminum coatings for optimal performance in the visible spectrum. Designed to have the entirety of their optical path in air, these retroreflectors do not require antireflection coatings for optimal performance and can be used over wider wavelength ranges than glass retroreflectors. Replicated Hollow Metal Retroreflectors are ideal for applications where an optical path through a glass prism is undesired, reduced weight is required, or where high shock and vibration levels are expected. The replication manufacturing process of these optics enables cost-effective designs while providing high performance beam return accuracy.

Technical Information





REPLICATED HOLLOW METAL RETROREFLECTORS					
Diameter (mm)	Height (mm)	Mounting Threads	Coating	Stock No.	
				5 Arcseconds	10 Arcseconds
12.7	21.68	10-24	Bare Gold	#15-897	#15-898
19.1	26.17	10-24	Bare Gold	#15-899	#15-900
25.4	30.66	10-24	Bare Gold	#15-901	#15-902
38.1	39.64	10-24	Bare Gold	#15-903	#15-904

Diameter

Height

10-24 Mounting Threads

LOW PROFILE REPLICATED HOLLOW METAL RETROREFLECTORS

Dimension A (mm)	Dimension B (mm)	Dimension C (mm)	Coating	Stock No.		
				2 Arcseconds	5 Arcseconds	10 Arcseconds
12.7	8.63	12.8	Bare Gold	N/A	#23-854	#23-855
25.4	21.69	20.32	Bare Gold	#23-856	#23-857	#23-858

