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TECHSPEC® 10mm Dia UV Enhanced Aluminum, $\lambda/20$ Mirror



Stock #70-285 **2 In Stock**

⊖ 1 ⊕ MRP ₹14,024

● Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹14,024 each
Qty 6-25	₹11,199 each
Qty 26-49	₹10,493 each
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Product Downloads

General

Flat Mirror **Type:**

Physical & Mechanical Properties

10.00 +0.0/-0.20 **Diameter (mm):**

2.00 ±0.20 **Thickness (mm):**

Commercial Polish	Back Surface:
90.00	Clear Aperture (%):
Ground, protective bevel as needed	Edges:
30.00	Parallelism (arcsec):

Optical Properties

Metal	Coating Type:
UV Enhanced Aluminum (250-700nm)	Coating:
λ/20 (flatness pre-coating)	Surface Flatness (P-V):
250 - 700	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
R _{avg} >85% @ 250 - 700nm R _{avg} >89% @ 250 - 450nm	Coating Specification:
20-10	Surface Quality:

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
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:

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

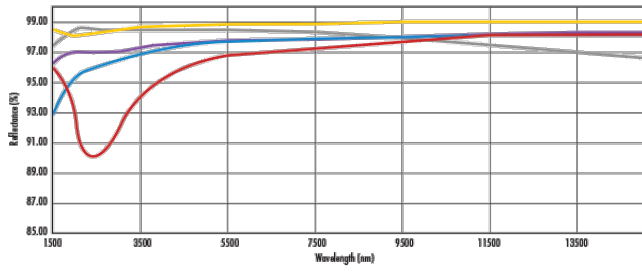
- Precision Fused Silica Substrate
- 20-10 Surface Quality
- Low Coefficient of Thermal Expansion

TECHSPEC® λ/20 First Surface Mirrors are polished to industry leading surface accuracy and quality specifications to minimize reflected wavefront error. These mirrors feature a precision fused silica substrate with a low coefficient of thermal expansion. Multiple coating options are available, allowing these mirrors to be integrated into applications spanning the visible through infrared spectra. TECHSPEC® λ/20 First Surface Mirrors are ideal for beam steering and reflection applications and are available in a variety of size, thickness, and coating options.

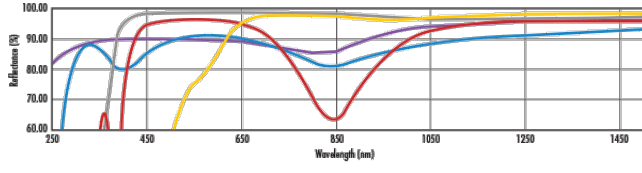
Note: Surface flatness is measured before coating.

Technical Information

Typical Reflectance Curve for Metallic Mirror Coatings NIR - IR Range



Typical Reflectance Curve for Metallic Mirror Coatings UV - NIR Range



Protected Aluminum	Enhanced Aluminum	UV Enhanced Aluminum	Protected Gold	Protected Silver					
Range (nm)	% Reflection	Range (nm)	% Reflection	Range (nm)	% Reflection				
0.4 - 0.7	85	0.45 - 0.65	95	0.25 - 0.45	89	0.7 - 2.0	96	0.45 - 2.0	90
0.4 - 2.0	90	-	-	0.25 - 0.70	85	2.0 - 10.0	96	2.0 - 10.0	98