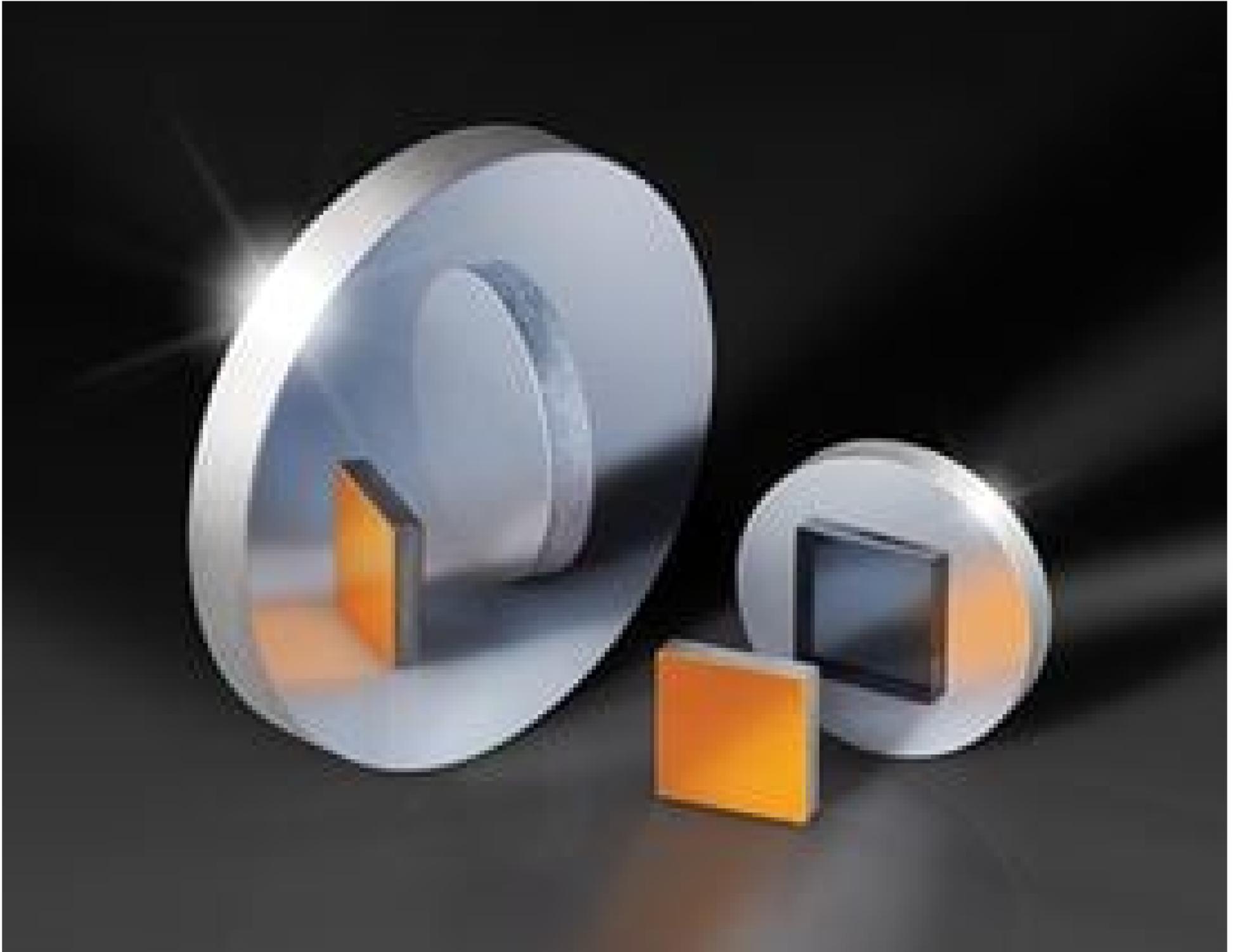


TECHSPEC® 75mm Dia Enhanced Aluminum, $\lambda/20$ Mirror



Stock #34-368 **5 In Stock**

- 1 + C\$819.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	C\$819.00 each
Qty 6-25	C\$652.40 each
Qty 26-49	C\$611.80 each
Need More?	Request Quote

Product Downloads

General

Flat Mirror Type:

Physical & Mechanical Properties

75.00 +0.0/-0.20 Diameter (mm):

7.50 ±0.20 Thickness (mm):

Back Surface:	
Commercial Polish	
Clear Aperture (%):	
90.00	
Edges:	
Ground, protective bevel as needed	
Parallelism (arcsec):	
30.00	
Optical Properties	
Coating Type:	
Metal	
Coating:	
Enhanced Aluminum (450-650nm)	
Surface Flatness (P-V):	
$\lambda/20$ (flatness pre-coating)	
Wavelength Range (nm):	
450 - 650	
Substrate: <input type="checkbox"/>	
Fused Silica (Corning 7980)	
Coating Specification:	
R _{avg} >95% @450 - 650nm	
Surface Quality:	
20-10	

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

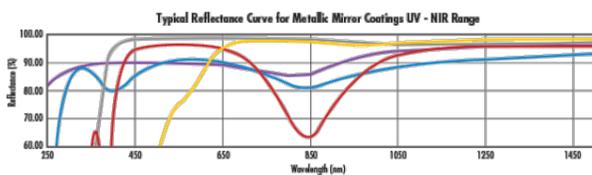
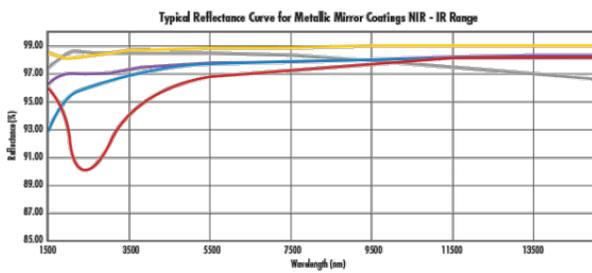
Product Details

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

TECHSPEC® $\lambda/20$ 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® $\lambda/20$ 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



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

Coating Curves

Custom

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](#).

Compatible Mounts

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