

TECHSPEC[®] 25mm Dia. 750 - 1100nm Broadband $\lambda/10$ Mirror



Stock **#87-381** 20+ In Stock

-

1

+

S\$161⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	S\$161.00 each
Qty 6-25	S\$128.80 each
Qty 26-49	S\$121.10 each
Need More?	Request Quote

Product Downloads

General

Type:
Flat Mirror

Physical & Mechanical Properties

Diameter (mm):
25.00 +0.00/-0.20

4.00 ±0.20	Thickness (mm):
Commercial Polish	Back Surface:
90	Clear Aperture (%):
Ground, 0.5mm max bevel	Edges:
<0.5	Parallelism (arcmin):
Optical Properties	
Dielectric	Coating Type:
Dielectric Mirror (750-1100nm)	Coating:
λ/10	Surface Flatness (P-V):
750 - 1100	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate: ☐
0-45	Angle of Incidence (°):
R _{avg} >98% @ 750 - 1100nm (0 - 45°) R _{avg} >99% @ 750 - 1100nm (0°)	Coating Specification:
20-10	Surface Quality:
1 J/cm² @ 1064nm, 20ns, 20Hz	Damage Threshold, Reference: ☐

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

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](#).

Product Details

- Enhanced Reflectivity and LIDT over Metallic Coatings
- Average Reflectivity >99% Over Broad UV, Visible, and NIR Wavelengths
- Designed for all Polarization States from 0 – 45° AOI

TECHSPEC® Broadband Dielectric λ/10 Mirrors are ideal for beam steering or reflection applications utilizing multiple laser sources. These mirrors feature greater than 99% reflection, significantly better than metal-coated mirrors, and increase system performance by minimizing energy loss. The highly durable fused silica substrate offers a low thermal expansion coefficient and a high abrasion resistance. TECHSPEC® Broadband Dielectric λ/10 Mirrors are designed for applications from the UV to the near-infrared spectra.

Technical Information



Compatible Mounts

;