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TECHSPEC® 50.0mm Dia. 45° Fiber Laser Mirror



TECHSPEC® Fiber Laser Mirrors

Stock **#34-281** **3 In Stock**

⊖ 1 ⊕ ₹24,523

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Volume Pricing	
Qty 1-5	₹24,523 each
Qty 6+	₹21,798 each
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General

Laser Mirror **Type:**

Physical & Mechanical Properties

<3 **Parallelism (arcmin):**

>90 **Clear Aperture (%):**

Back Surface:

Ground	
50.00 +0.0/-0.2	Diameter (mm):
10.00 ±0.2	Thickness (mm):
Optical Properties	
10-5	Surface Quality:
99.2	Reflection at DWL (%):
R _{abs} >99.2% @ 1030 - 1090nm	Coating Specification:
1030 - 1090	Wavelength Range (nm):
M10	Surface Flatness (P-V):
Dielectric	Coating Type:
Dielectric Mirror (1030-1090nm)	Coating:
1064	Design Wavelength DWL (nm):
45	Angle of Incidence (°):
Fused Silica (Corning 7980)	Substrate: <input type="checkbox"/>
20 J/cm ² @ 1064nm, 20ns, 20Hz	Damage Threshold, Reference: <input type="checkbox"/>

Regulatory Compliance	
View	Certificate of Conformance:
United States	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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:

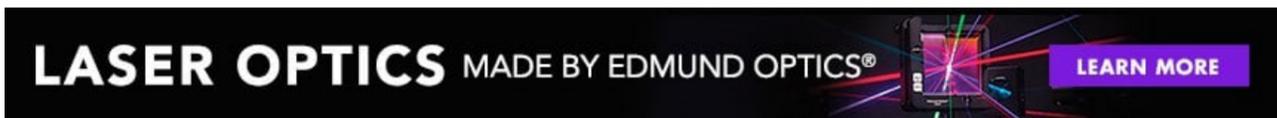
- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

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

Product Details

- Designed for Common Fiber Lasers
- >99.2% Reflectivity From 1030nm to 1090nm
- High Damage Thresholds

TECHSPEC® Fiber Laser Mirrors offer high reflectance and superior surface quality and accuracy needed for demanding fiber laser applications. Featuring a high damage threshold, these high power mirrors are ideal for beam steering. TECHSPEC® Fiber Laser Mirrors are designed to reflect most common fiber laser wavelengths from 1030nm to 1090nm.



Coating Curves

Compatible Mounts