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**TECHSPEC® 50.0mm Dia. 45° Fiber Laser Mirror**



TECHSPEC® Fiber Laser Mirrors

Stock **#34-281** **5 In Stock**

⊖ 1 ⊕ €289<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-5	€289,00 each
Qty 6+	€255,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Laser Mirror **Type:**

**Physical & Mechanical Properties**

<3 **Parallelism (arcmin):**

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

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

## 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:

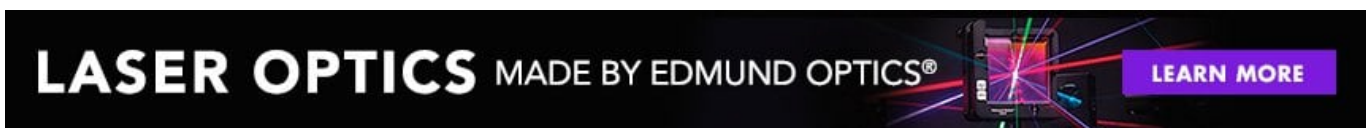
- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

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

## Product Details

- 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