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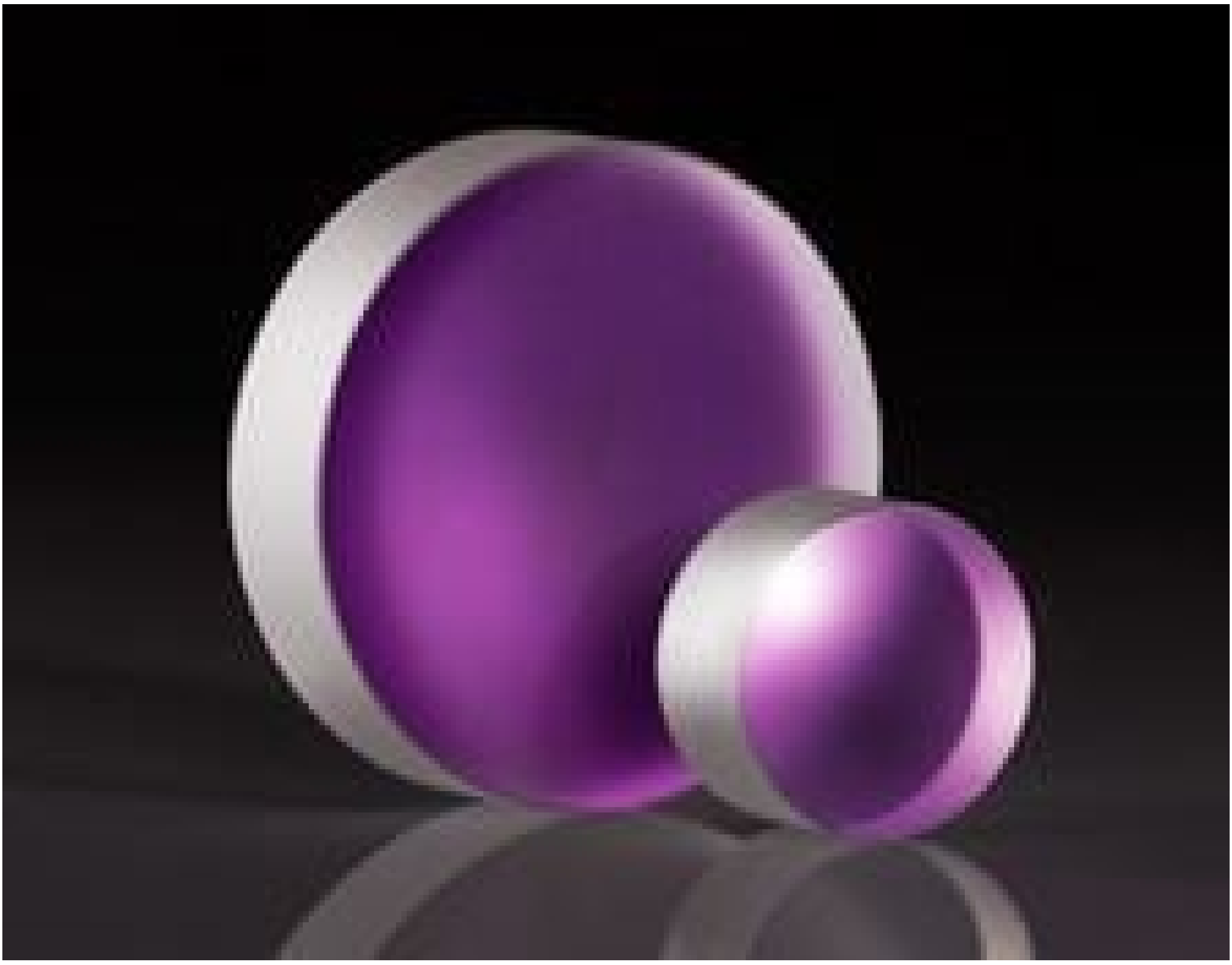
TECHSPEC® 12.5mm Dia. 45° Fiber Laser Mirror



TECHSPEC® Fiber Laser Mirrors

Stock **#34-279** **2 In Stock**

- 1 + **S$264.60**

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Volume Pricing	
Qty 1-5	**S$264.60** each
Qty 6-25	**S$211.40** each
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General

Type:

Laser Mirror

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):

>90

Back Surface:

Ground

Diameter (mm):

12.50 +0.0/-0.2

Thickness (mm):

6.00 ±0.2

Optical Properties

Surface Quality:

10-5

Reflection at DWL (%):

99.2

Coating Specification:

R_{abs} >99.2% @ 1030 - 1090nm

Wavelength Range (nm):

1030 - 1090

Surface Flatness (P-V):

λ/10

Coating Type:

Dielectric

Coating:

Dielectric Mirror (1030-1090nm)

Design Wavelength DWL (nm):

1064

Angle of Incidence (°):

45

Substrate:

Fused Silica (Corning 7980)

Damage Threshold, Reference:

20 J/cm^2 @ 1064nm, 20ns, 20Hz

Regulatory Compliance

Certificate of Conformance:

View

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

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