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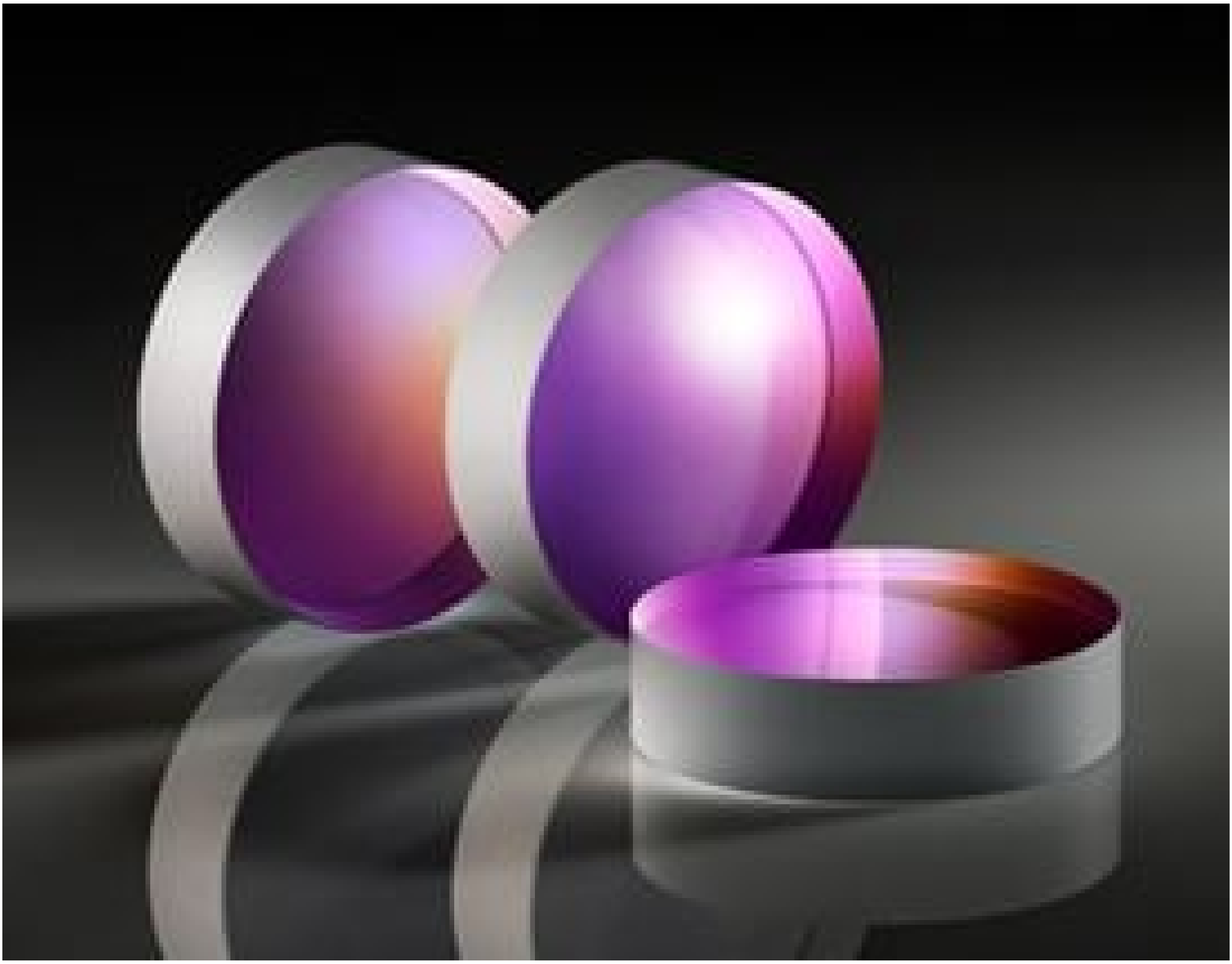
TECHSPEC® 50.8mm Dia. x 250.0mm EFL, Uncoated, Concave Laser Mirror



TECHSPEC Uncoated Concave Mirrors

Stock **#11-350** **20+ In Stock**

- 1 + **S$316.40**

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Volume Pricing	
Qty 1-4	**S$316.40** each
Qty 5-9	**S$278.60** each
Qty 10+	**S$249.20** each
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Product Downloads

General

Type:

Concave Mirror

Physical & Mechanical Properties

Diameter (mm):

50.80 +0.00/-0.20

Back Surface:

Fine Grind

Center Thickness CT (mm):	9.35
Clear Aperture (%):	90
Edge Thickness ET (mm):	10.00 ±0.20

Optical Properties

Substrate:	Fused Silica (Corning 7980)
Surface Quality:	20-10
Effective Focal Length EFL (mm):	250.00
Radius of Curvature (mm):	500.00
Coating:	Uncoated
Radius R_1 (mm):	500.00
Irregularity (P-V) @ 632.8nm:	3λ/20

Regulatory Compliance

RoHS 2015:	Compliant
Reach 219:	Compliant
Certificate of Conformance:	View

Product Details

- High Precision Fused Silica Mirror Substrates
- Large Selection of Diameters and Focal Lengths
- Custom Coating Options Available

TECHSPEC® Uncoated Concave Laser Mirrors offer high precision 20-10 surface quality ideal for laser beam focusing applications. Featuring fused silica substrates, these concave mirrors are resistant to thermal shock and are available in focal lengths from 25mm to 500mm. TECHSPEC Uncoated Concave Laser Mirrors are ideal for applications in environments with temperature fluctuations. Custom coating options including protected metal coatings and dielectric mirror coatings are available.

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.**