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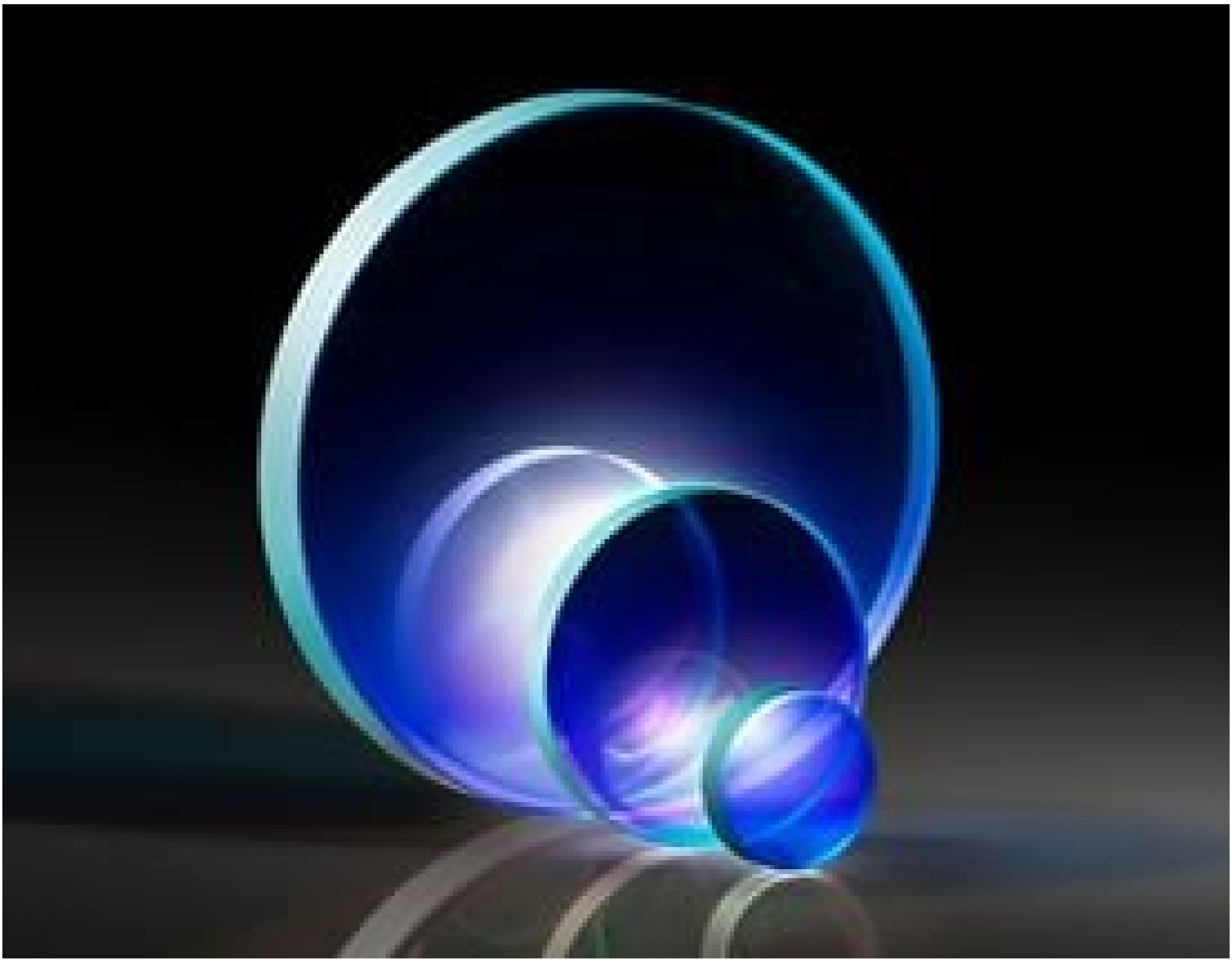
TECHSPEC® 920nm Laser Line Mirror, 45° AOI, 50.8mm Dia., 9.53mm Thick



920nm Laser Line Mirrors

Stock **#27-559** **5 In Stock**

- 1 + **C$431.20**

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Volume Pricing	
Qty 1-5	**C$431.20** each
Qty 6-25	**C$344.40** each
Qty 26-49	**C$323.40** each
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General

Type:

Laser Mirror

Physical & Mechanical Properties

Thickness (mm):

9.53 ± 0.20

Diameter (mm):

50.80 +0.00/-0.10

Clear Aperture (%):
90

Back Surface:
Commercial Polish

Parallelism (arcmin):
<3

Optical Properties

Substrate:
Fused Silica (Corning 7980)

Surface Quality:
10-5

Coating:
Laser Mirror (905-935nm)

Wavelength Range (nm):
905 - 935

Surface Flatness (P-V):
λ/10

Coating Specification:
R_{abs} 99.80% @ 920nm @ 45° AOI
R_{avg} 99.5% @ 905 - 935nm @ 45° AOI

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- >99.8% Absolute Reflectivity at 920nm
- 99.5% Average Reflectivity in the 905 - 935nm Range
- High Laser Damage Threshold
- Wide Range of Laser Line Mirrors Options Available

TECHSPEC® 920nm Laser Line Mirrors are designed with an absolute reflectivity of >99.8% at 920nm at a 45° angle of incidence. These mirrors are manufactured from high quality fused silica and are designed for use with high power laser sources. Available in standard 12.7, 25.4, and 50.8mm sizes, these mirrors can be easily integrated into existing laser systems. TECHSPEC® 920nm Laser Line Mirrors feature λ/10 surface flatness and 10-5 surface quality to ensure reduced scattering in sensitive laser applications. These mirrors are ideal for applications including two-photon (2P) microscopy, medical imaging, and material processing.

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