

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



920nm Laser Line Mirrors

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

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1

+

£246⁴⁰

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Volume Pricing	
Qty 1-5	£246.40 each
Qty 6-25	£196.80 each
Qty 26-49	£184.80 each
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! Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Laser Mirror

Type:

Physical & Mechanical Properties	
50.80 +0.00/-0.10	Diameter (mm):
Commercial Polish	Back Surface:
90	Clear Aperture (%):
<3	Parallelism (arcmin):
9.53 ± 0.20	Thickness (mm):
Optical Properties	
905 - 935	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate:
Laser Mirror (905-935nm)	Coating:
Coating Specification: R _{abs} 99.80% @ 920nm @ 45° AOI R _{avg} 99.5% @ 905 - 935nm @ 45° AOI	
λ/10	Surface Flatness (P-V):
10-5	Surface Quality:
Regulatory Compliance	
View	Certificate of Conformance:

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.