

TECHSPEC[®] 2000nm Laser Line Mirror, 45° AOI, 50.8mm Dia., 9.53mm Thick



2µm Laser Line Mirrors

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1

+

₹25,143

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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	
1900 - 2200	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate:
Laser Mirror (1900-2200nm)	Coating:
Coating Specification: R _{abs} 99.80% @ 2000nm @ 45° AOI R _{avg} 99.5% @ 1900 - 2200nm @ 45° AOI	
N/10	Surface Flatness (P-V):
10-5	Surface Quality:
Regulatory Compliance	
View	Certificate of Conformance:

PRODUCT DETAILS

- >99.8% Reflectivity at 2µm
- 99.5% Average Reflectivity in the 1900 - 2200nm Range
- High Laser Damage Threshold
- Wide Range of Laser Line Mirrors Options Available

TECHSPEC® 2µm Laser Line Mirrors are designed with an absolute reflectivity of >99.8% at 2µm 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® 2µm Laser Line Mirrors feature N/10 surface flatness and 10-5 surface quality to ensure reduced scattering in sensitive laser applications. These mirrors are ideal for applications including medical surgery, dermatology, laser doppler velocimetry (LDV), and remote sensing.