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TECHSPEC® 2000nm Laser Line Mirror, 45° AOI, 12.7mm Dia., 6.35mm Thick

2µm Laser Line Mirrors

Stock **#27-563** **20+ In Stock**

- 1 + **MRP** ₹37,633

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	**₹37,633** each
Qty 6-25	**₹30,065** each
Qty 26-49	**₹28,224** each
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General

Type:

Laser Mirror

Physical & Mechanical Properties

Thickness (mm):

6.35 ± 0.20

Diameter (mm):

12.70 +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 (1900-2200nm)

Wavelength Range (nm):
1900 - 2200

Surface Flatness (P-V):
λ/10

Coating Specification:
R_{abs} 99.80% @ 2000nm @ 45° AOI
R_{avg} 99.5% @ 1900 - 2200nm @ 45° AOI

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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 λ/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.

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