

TECHSPEC[®] 50.8mm Dia. Precision Broadband Laser Mirror Substrate



TECHSPEC[®] Laser Mirror Substrates

Stock **#75-417** NEW **20+ In Stock**

-

1

+

£135²⁰

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Volume Pricing	
Qty 1-5	£135.20 each
Qty 6-25	£118.80 each
Qty 26+	£104.40 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Laser Mirror Substrate

Type:

Physical & Mechanical Properties

<3

Parallelism (arcmin):

Clear Aperture (%):

90	
Ground	Back Surface:
50.80 +0.0/-0.1	Diameter (mm):
12.50 ±0.2	Thickness (mm):
Ground, protective bevel as needed	Edges:
Optical Properties	
10-5	Surface Quality:
λ/20	Surface Flatness (P-V):
Uncoated	Coating:
Fused Silica (Corning 7980)	Substrate: ☐
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- λ/10 and λ/20 Surface Flatness and 10-5 Surface Quality
- High Quality Fused Silica Substrates
- Imperial Sizes with Circular or Rectangular Geometries
- [Window Substrates](#) Also Available

TECHSPEC® Laser Mirror Substrates are manufactured from high quality fused silica and are designed for use with high power laser sources. These mirrors feature excellent surface specifications, including λ/10 and λ/20 surface flatness and 10-5 surface quality, to limit the possibility of reduced performance due to surface defects. The high surface quality of these mirror blanks also makes them ideal for use in demanding intra-cavity laser applications. TECHSPEC Laser Mirror Substrates are available in standard imperial sizes, with either circular or rectangular geometries. Please contact us if your application requires a custom size laser mirror substrate.