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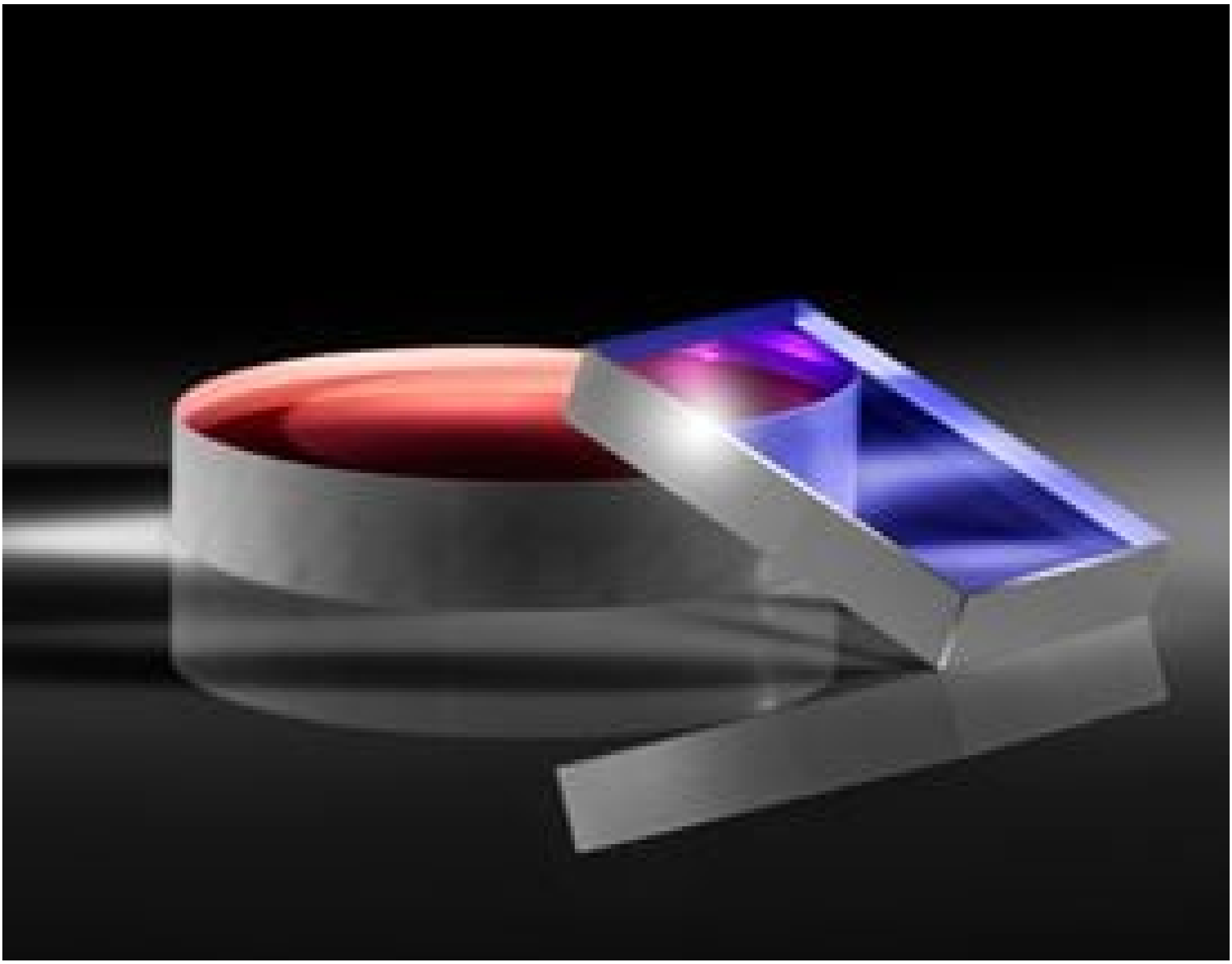
TECHSPEC® 50.8mm Dia. Laser Mirror Substrate



TECHSPEC® Laser Mirror Substrates

Stock **#37-687** **20+ In Stock**

- 1 + **£138.40**

ADD TO CART

Volume Pricing	
Qty 1-10	**£138.40** each
Qty 11-25	**£122.40** each
Qty 26-50	**£108.00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Laser Mirror Substrate

Physical & Mechanical Properties

Parallelism (arcmin):

<3

Clear Aperture (%):

90

Back Surface:
Commercial Polish

Diameter (mm):
50.80 +0.00/-0.10

Thickness (mm):
9.53 ±0.20

Edges:
Ground, protective bevel as needed

Optical Properties

Surface Quality:
10-5

Surface Flatness (P-V):
λ/10

Coating:
Uncoated

Substrate:
Fused Silica (Corning 7980)

Regulatory Compliance

Reach 191:
Compliant

RoHS 2015:
Compliant

Certificate of Conformance:
View

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.

Compatible Mounts

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