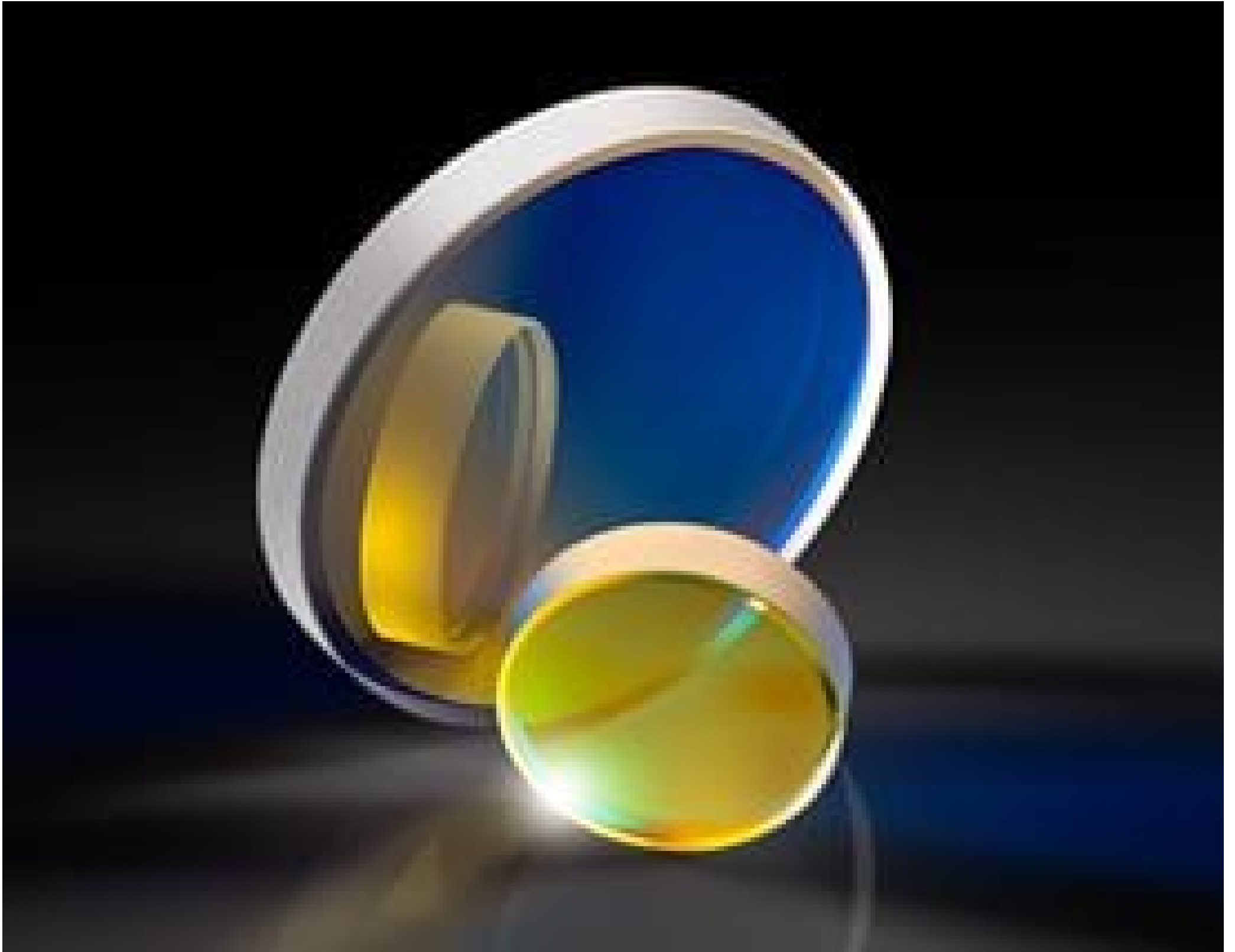


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TECHSPEC® 25mm Dia., 3mm Thick, Fused Silica 755/632nm Alexandrite Mirror, 45 Deg AOI



Stock #25-536 [CONTACT US](#)

− 1 + **\$256^{.20}**

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| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | \$256.20 each |
| Qty 6-25 | \$204.40 each |
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Product Downloads

General

Alexandrite Laser Mirror **Type:**

Physical & Mechanical Properties

3.00 ±0.10 **Thickness (mm):**

25.00 +0.00/-0.10 **Diameter (mm):**

90 **Clear Aperture (%):**

<3

Parallelism (arcmin):

Edges:

Fine Ground

Optical Properties

Substrate:

Fused Silica (Corning 7980)

Surface Quality:

10-5

Angle of Incidence (°):

45

Coating:

Laser Mirror (755nm)

Wavelength Range (nm):

625 - 650, 755

Surface Flatness (P-V):

$\lambda/10$

Coating Specification:

$R_{avg} > 90\%$ @ 625 - 650nm @ 45° AOI
At 755nm $R_{s_{abs}} \geq 99.5\%$ and $R_{p_{abs}} \geq 99.5\%$, where
 $|R_s - R_p| \leq 0.5\%$ @ 45° AOI

Regulatory Compliance

Certificate of Conformance:

[View](#)

Product Details

- >99.5% Reflectivity at 755nm and >90% Reflectivity at 625 – 650nm
- 10-5 Surface Quality and $\lambda/10$ Surface Flatness
- Ideal for use in Dermatological Applications

TECHSPEC® 755nm Alexandrite Laser Mirrors provide >99.5% reflectivity at 755nm for use with Alexandrite lasers at 0° or 45° angle of incidence (AOI). These mirrors also provide >90% reflectivity from 625-650nm to accommodate applications that utilize alignment beams. These mirrors feature fused silica substrates with $\lambda/10$ surface flatness and 10-5 surface quality to minimize scattering effects. TECHSPEC® 755nm Alexandrite Laser Mirrors are ideal for a range of dermatological applications such as hair removal, tattoo removal, and vascular lesion treatment. The high reflectivity combined with a slim profile makes these mirrors excellent for medical articulating arms that require multiple direction changes via reflection.