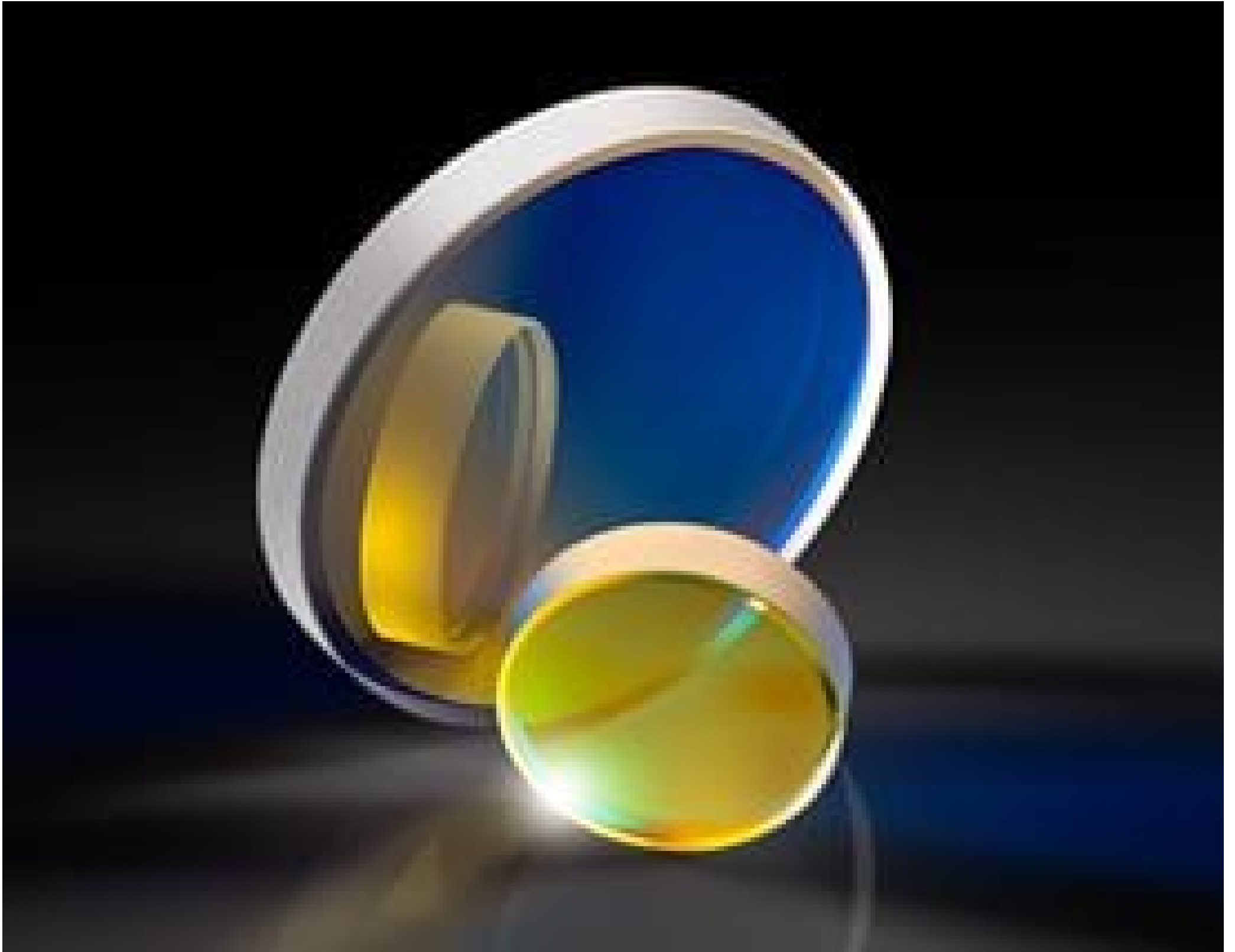


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TECHSPEC® 25mm Dia., 3mm Thick, Fused Silica 755/632nm Alexandrite Mirror, 45 Deg AOI



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

MRP ₹18,463

Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹18,463 each
Qty 6-25	₹14,730 each
Need More?	Request Quote

Product Downloads

General

Alexandrite Laser Mirror **Type:**

Physical & Mechanical Properties

3.00 ±0.10 **Thickness (mm):**

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

Clear Aperture (%):

Parallelism (arcmin):
<3

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):
λ/10

Coating Specification:
R_{avg} > 90% @ 625 - 650nm @ 45° AOI
At 755nm R_{sabs} ≥ 99.5% and R_{pabs} ≥ 99.5%, where
|R_s-R_p| ≤ 0.5% @ 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

- >99.5% Reflectivity at 755nm and >90% Reflectivity at 625 – 650nm
- 10-5 Surface Quality and λ/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 λ/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.