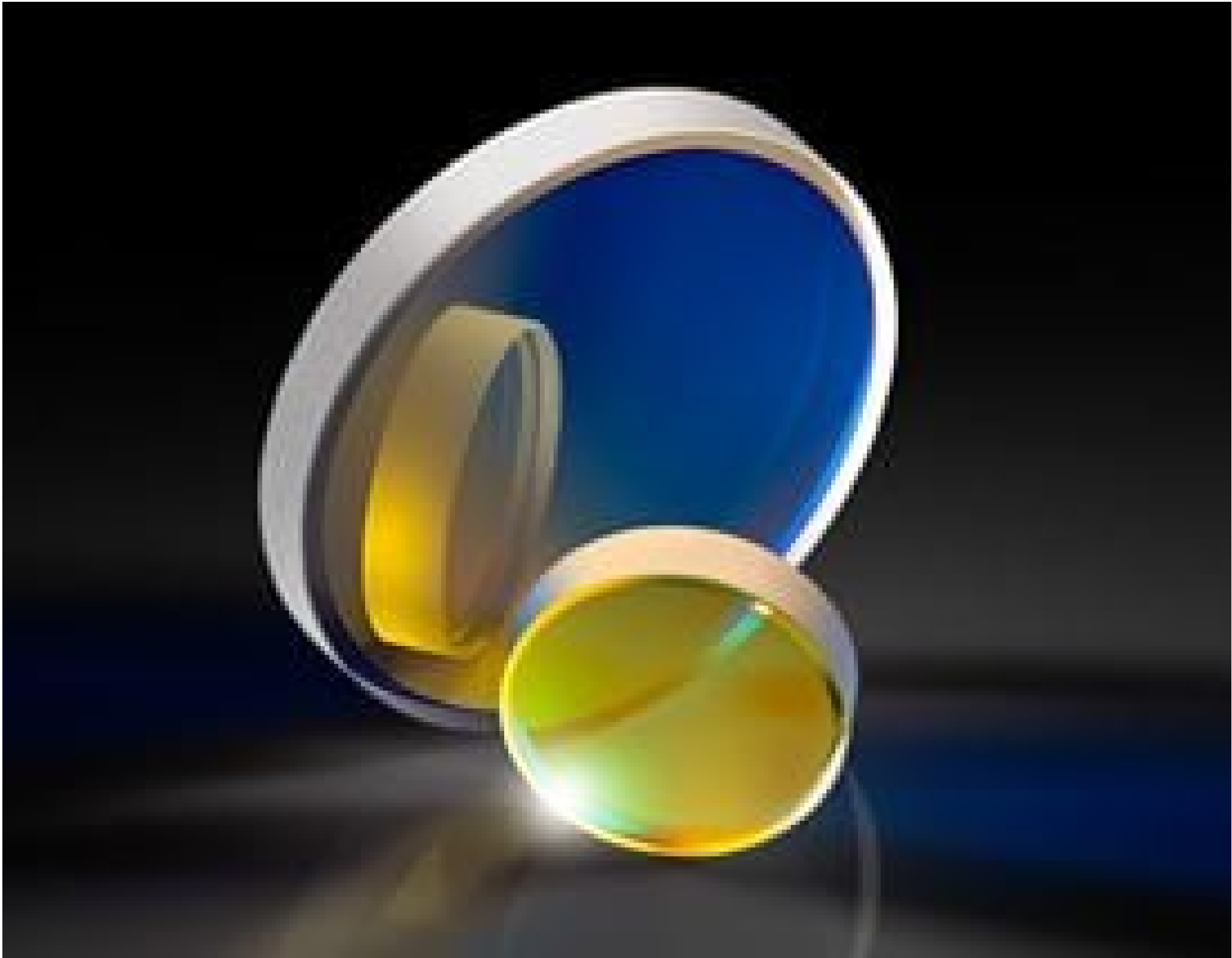


TECHSPEC[®] 25mm Dia., 3mm Thick, Fused Silica 755/632nm Alexandrite Mirror, 45 Deg AOI



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

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1

+

€169^{,95}

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SPECIFICATIONS

General

Alexandrite Laser Mirror

Type:

Physical & Mechanical Properties

25.00 +0.00/-0.10

Diameter (mm):

90	Clear Aperture (%):
<3	Parallelism (arcmin):
3.00 ±0.10	Thickness (mm):
Fine Ground	Edges:

Optical Properties

625 - 650, 755	Wavelength Range (nm):
Fused Silica (Corning 7980)	Substrate: ☐
45	Angle of Incidence (°):
Laser Mirror (755nm)	Coating:
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	
λ/10	Surface Flatness (P-V):
10-5	Surface Quality:

Regulatory Compliance

View	Certificate of Conformance:
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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.