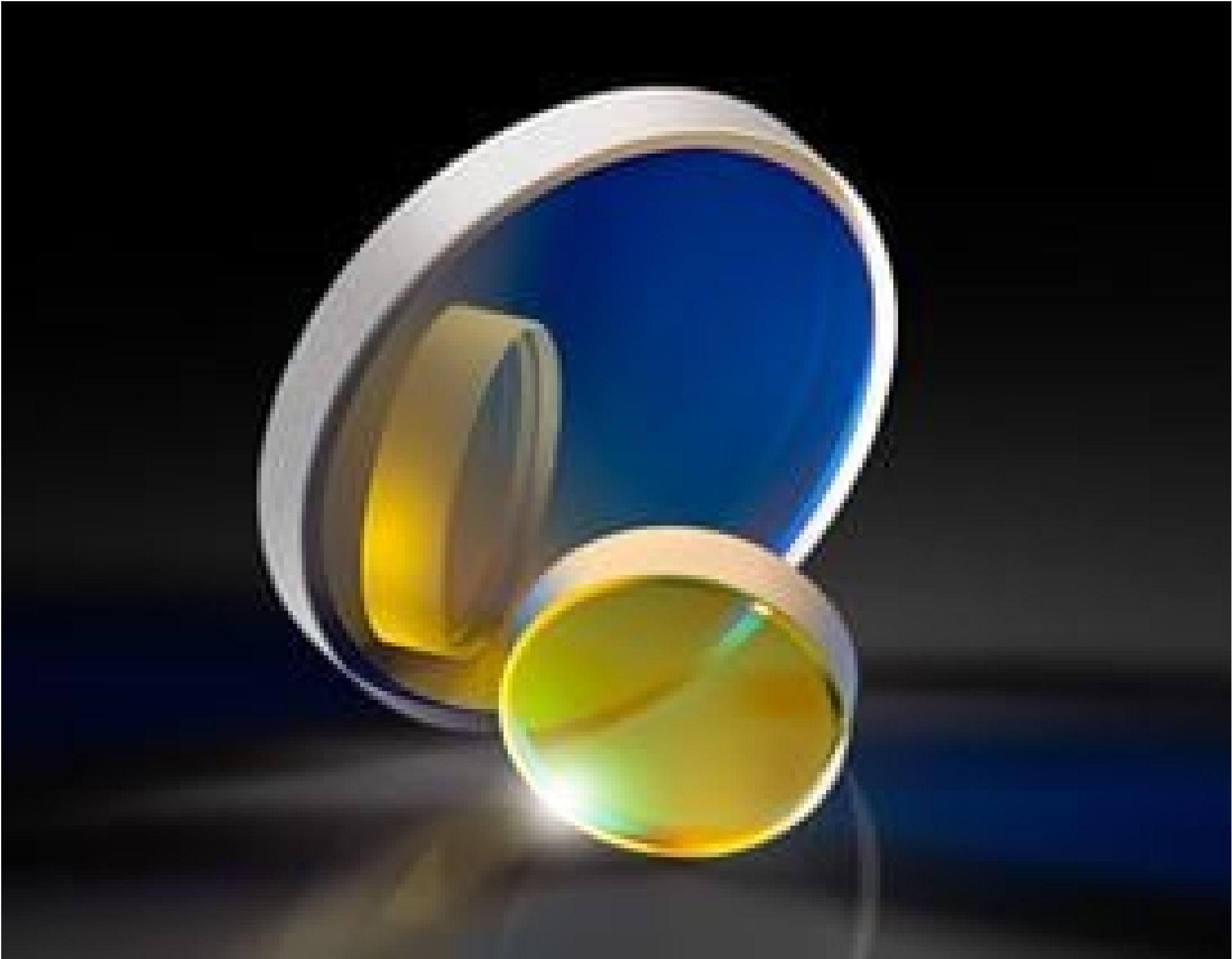


TECHSPEC[®] 25mm Dia., 3mm Thick, Fused Silica 755/632nm Alexandrite Mirror, 45 Deg AOI



Stock #25-536

CONTACT US

-

1

+

₹12,845

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General

Alexandrite Laser Mirror

Type:

Physical & Mechanical Properties

25.00 +0.00/-0.10	Diameter (mm):
90	Clear Aperture (%):
<3	Parallelism (arcmin):
	Thickness (mm):

3.00 ±0.10	
Edges:	
Fine Ground	
Optical Properties	
Wavelength Range (nm):	
625 - 650, 755	
Substrate: □	
Fused Silica (Corning 7980)	
Angle of Incidence (°):	
45	
Coating:	
Laser Mirror (755nm)	
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	
Surface Flatness (P-V):	
λ/10	
Surface Quality:	
10-5	
Regulatory Compliance	
Certificate of Conformance:	
View	
Country of Origin:	
United States	
Importer:	
Edmund Optics India Private Limited	

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.