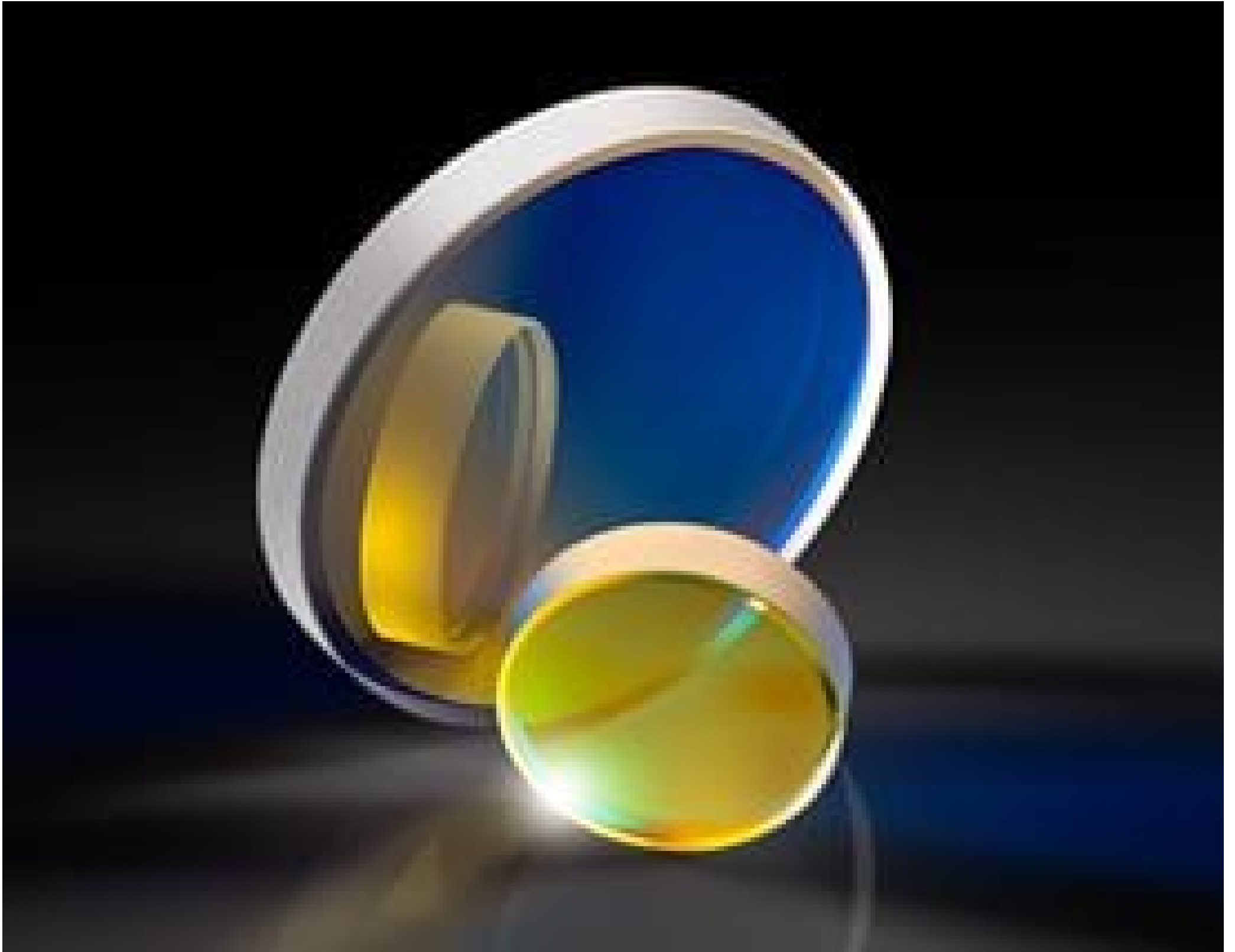


**TECHSPEC® 12.5mm Dia., 3mm Thick, Fused Silica 755/632nm Alexandrite Mirror, 45 Deg AOI**



Stock #25-535 **20+ In Stock**

- 1 + £128.<sup>00</sup>

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Volume Pricing	
Qty 1-5	£128.00 each
Qty 6-25	£102.40 each
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**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Alexandrite Laser Mirror **Type:**

**Physical & Mechanical Properties**

3.00 ±0.10 **Thickness (mm):**

12.50 +0.00/-0.10 **Diameter (mm):**

90 **Clear Aperture (%)**:

<3 **Parallelism (arcmin)**:

Fine Ground **Edges**:

## Optical Properties

Fused Silica (Corning 7980) **Substrate:** □

10-5 **Surface Quality**:

45 **Angle of Incidence (°)**:

Laser Mirror (755nm) **Coating**:

625 - 650, 755 **Wavelength Range (nm)**:

$\lambda/10$  **Surface Flatness (P-V)**:

**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

[View](#) **Certificate of Conformance:**

## 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.