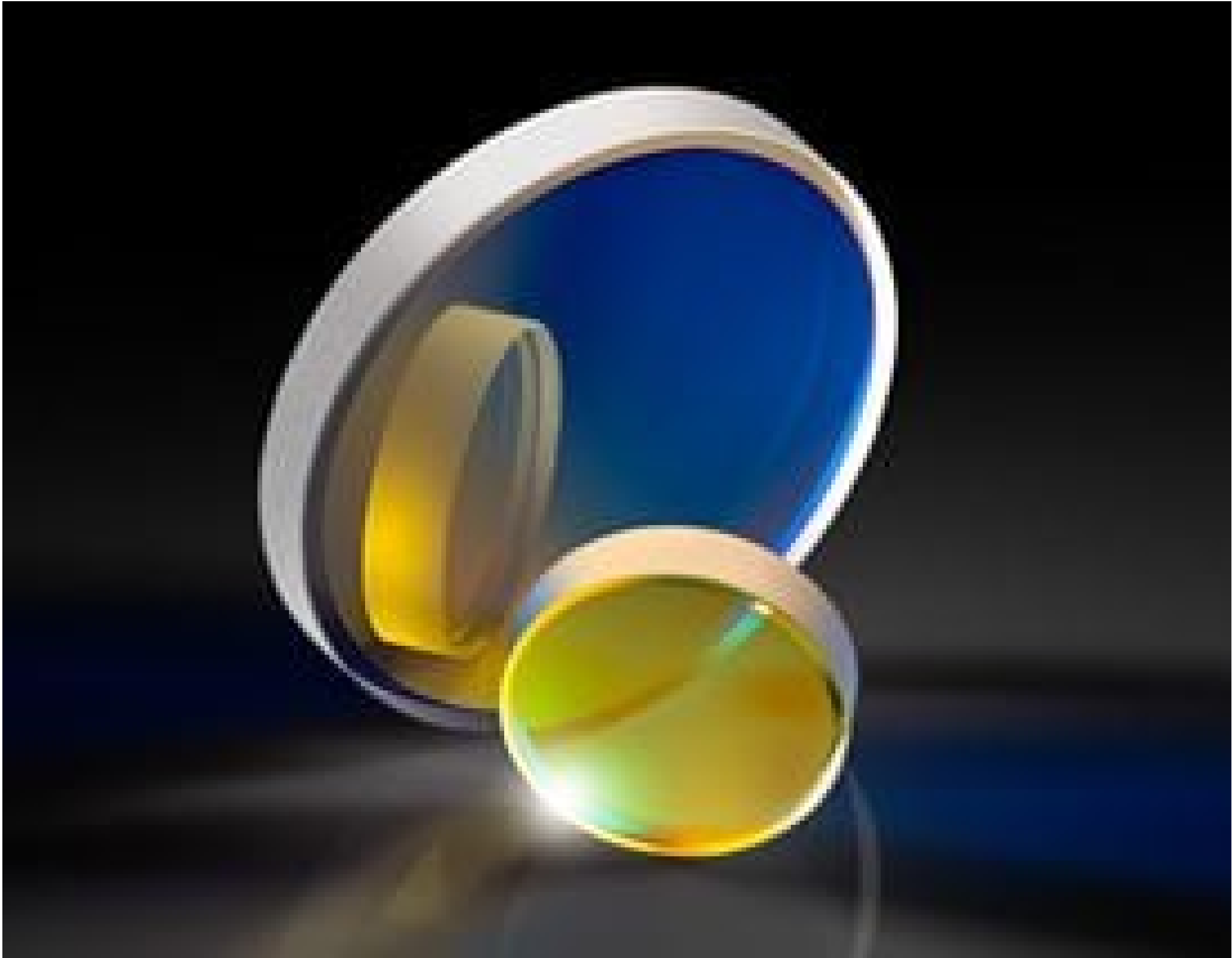


TECHSPEC<sup>®</sup> 12.5mm Dia., 3mm Thick, Fused Silica 755/632nm Alexandrite Mirror, 0 Deg AOI



Stock #25-533 20+ In Stock

-

1

+

€160<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €160,00 each                  |
| Qty 6-25       | €128,00 each                  |
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Alexandrite Laser Mirror

Type:

Physical & Mechanical Properties

12.50 +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: □                |
| 0                                                                                                                                                                                                    | Angle of Incidence (°):     |
| Laser Mirror (755nm)                                                                                                                                                                                 | Coating:                    |
| Coating Specification:<br>R <sub>avg</sub> > 90% @ 625 - 650nm @ 0° AOI<br>At 755nm R <sub>sabs</sub> ≥99.5% and R <sub>pabs</sub> ≥99.5%, where<br> R <sub>s</sub> -R <sub>p</sub>   ≤0.5% @ 0° AOI |                             |
| λ/10                                                                                                                                                                                                 | Surface Flatness (P-V):     |
| 10-5                                                                                                                                                                                                 | Surface Quality:            |
| Regulatory Compliance                                                                                                                                                                                |                             |
| <a href="#">View</a>                                                                                                                                                                                 | Certificate of Conformance: |

## 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.