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**TECHSPEC® 25mm Dia 0.42 NA, 532nm V-Coat, Aspheric Lens**



TECHSPEC® Laser Line Coated Aspheric Lenses

Stock **#33-016** **4 In Stock**

[Other Coating Options](#)

⊖ 1 ⊕ **C\$863<sup>00</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>C\$863.80</b> each
Qty 6-25	<b>C\$695.80</b> each
Qty 26-49	<b>C\$649.60</b> each
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Product Downloads

**General**

Aspheric Lens **Type:**

**Physical & Mechanical Properties**

25.00 +0.0/-0.1 **Diameter (mm):**

**Centering (arcmin):**

≤5	
22.5	<b>Clear Aperture CA (mm):</b>
2.21	<b>Edge Thickness ET (mm):</b>
8.50 ±0.1	<b>Center Thickness CT (mm):</b>
Protective as needed	<b>Bevel:</b>
Plano	<b>Shape of Back Surface:</b>

## Optical Properties

30.00 @ 587.6nm	<b>Effective Focal Length EFL (mm):</b>
0.42	<b>Numerical Aperture NA:</b>
24.17	<b>Back Focal Length BFL (mm):</b>
<a href="#">Fused Silica</a> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
532	<b>Aspheric Design Wavelength (nm):</b>
1.2λ	<b>Asphere Figure Error, RMS @ 632.8nm:</b>
Laser V-Coat (532nm)	<b>Coating:</b>
R <sub>abs</sub> <0.25% @ 532nm	<b>Coating Specification:</b>
60-40	<b>Surface Quality:</b>
1.2	<b>f#:</b>
Infinite	<b>Conjugate Distance:</b>
10 J/cm <sup>2</sup> @ 532nm, 20ns, 20Hz	<b>Damage Threshold, By Design:</b> <input type="checkbox"/>
33.33	<b>Power (diopters):</b>

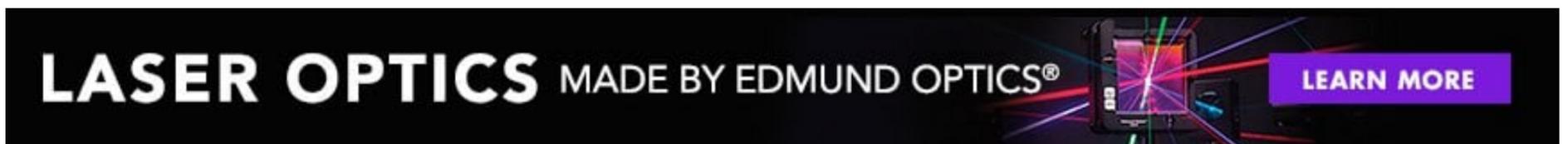
## Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 235:</b>

## Product Details

- Designed and Coated for Nd:YAG Laser Wavelengths
- High Laser Damage Thresholds
- Low Coefficient of Thermal Expansion

TECHSPEC® Laser Line Coated Aspheric Lenses are designed to maximize performance in high power Nd:YAG laser applications. The aspheric designs minimize spherical aberration to decrease laser spot size and maintain high power per area. Additionally, TECHSPEC® Laser Line Coated Aspheric Lenses feature high performance coatings that have been optimized for the most popular Nd:YAG laser wavelengths and a high damage threshold, UV fused silica substrate that is highly resistant to thermal expansion.



## Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Compatible Mounts

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