

TECHSPEC[®] 15mm Dia 0.50 NA, 355nm V-Coat, Aspheric Lens



TECHSPEC[®] Laser Line Coated Aspheric Lenses

Stock **#33-010** [CONTACT US](#)

[Other Coating Options](#)

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1

+

A\$891²⁰

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Volume Pricing	
Qty 1-5	A\$891.20 each
Qty 6-25	A\$716.80 each
Qty 26-49	A\$672.00 each
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Product Downloads

General

Type:

Aspheric Lens

Physical & Mechanical Properties

Diameter (mm):

15.00 +0.0/-0.1

Centering (arcmin):

≤5	
13.5	Clear Aperture CA (mm):
2.43	Edge Thickness ET (mm):
7.30 ±0.1	Center Thickness CT (mm):
Protective as needed	Bevel:
Plano	Shape of Back Surface:

Optical Properties

15.00 @ 587.6nm	Effective Focal Length EFL (mm):
0.50	Numerical Aperture NA:
10.03	Back Focal Length BFL (mm):
Fused Silica (Corning 7980)	Substrate: ☐
355	Aspheric Design Wavelength (nm):
1.2λ	Asphere Figure Error, RMS @ 632.8nm:
Laser V-Coat (355nm)	Coating:
R _{abs} <0.25% @ 355nm	Coating Specification:
60–40	Surface Quality:
1.00	f/#:
Infinite	Conjugate Distance:
7.5 J/cm ² @ 355nm, 20ns, 20Hz	Damage Threshold, By Design: ☐
66.67	Power (diopters):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 235:

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.

LASER OPTICS

MADE BY EDMUND OPTICS®



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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
