

TECHSPEC<sup>®</sup> 15mm Dia 0.60 NA, 1064nm V-Coat, Aspheric Lens



TECHSPEC<sup>®</sup> Laser Line Coated Aspheric Lenses

Stock **#33-017** **6 In Stock**  
[Other Coating Options](#)

-

1

+

S\$779<sup>.80</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | <b>S\$779.80</b> each         |
| Qty 6-25       | <b>S\$627.20</b> each         |
| Qty 26-49      | <b>S\$588.00</b> each         |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Aspheric Lens

Type:

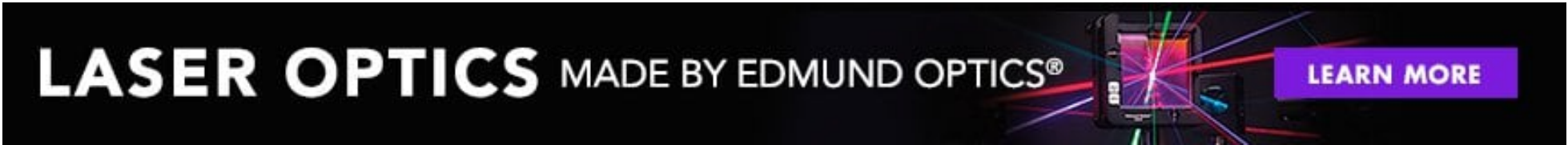
Physical & Mechanical Properties

|                                  |                                      |
|----------------------------------|--------------------------------------|
| 15.00 +0.0/-0.1                  | Diameter (mm):                       |
| ≤5                               | Centering (arcmin):                  |
| 13.5                             | Clear Aperture CA (mm):              |
| 2.47                             | Edge Thickness ET (mm):              |
| 9.00 ±0.1                        | Center Thickness CT (mm):            |
| Protective as needed             | Bevel:                               |
| Plano                            | Shape of Back Surface:               |
| Optical Properties               |                                      |
| 12.50 @ 587.6nm                  | Effective Focal Length EFL (mm):     |
| 0.60                             | Numerical Aperture NA:               |
| 6.33                             | Back Focal Length BFL (mm):          |
| Fused Silica (Corning 7980)      | Substrate: □                         |
| 1064                             | Aspheric Design Wavelength (nm):     |
| 1.2λ                             | Asphere Figure Error, RMS @ 632.8nm: |
| Laser V-Coat (1064nm)            | Coating:                             |
| R <sub>abs</sub> ≤0.25% @ 1064nm | Coating Specification:               |
| 60-40                            | Surface Quality:                     |
| 0.83                             | f/#:                                 |
| Infinite                         | Conjugate Distance:                  |
| 15 J/cm² @ 1064nm, 20ns, 20Hz    | Damage Threshold, By Design: □       |
| 80.00                            | 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.



## 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

