

[All Products](#) / [Optics](#) / [Optical Lenses](#) / [Aspheric Lenses](#) / [Glass Polished](#)

## TECHSPEC® Precision Laser Aspheric Lenses



- Diffraction Limited at Designed Nd:YAG Laser Wavelengths
- Laser Damage Designed Coatings on UV Fused Silica Substrates
- Specified Slope Error to Guarantee Low Mid-Spatial Frequency Errors
- [High Precision Laser Grade Aspheric Lenses](#) are also Available

### Common Specifications

#### Physical & Mechanical Properties

|                       |                       |                                |       |
|-----------------------|-----------------------|--------------------------------|-------|
| <b>Diameter (mm):</b> | 25.00 +0.000 / -0.025 | <b>Clear Aperture CA (mm):</b> | 22.5  |
| <b>Bevel:</b>         | Protective as needed  | <b>Shape of Back Surface:</b>  | Plano |

#### Optical Properties

|                                   |                                |                                             |                                     |
|-----------------------------------|--------------------------------|---------------------------------------------|-------------------------------------|
| <b>Substrate:</b>                 | <a href="#">Fused Silica</a>   | <b>Asphere Figure Error, RMS @ 632.8nm:</b> | $\lambda/2$ RMS and $2.5\lambda$ PV |
| <b>Surface Quality:</b>           | 20-10                          | <b>Conjugate Distance:</b>                  | Infinite                            |
| <b>Slope Error Aspheric Side:</b> | 0.35 $\mu$ m/mm per 1mm Window | <b>Beam Deviation @ 587.6nm (arcmin):</b>   | <2.5                                |

## Technical Information

## Products

| Dia. (mm) | EFL (mm) | Coating     | Stock Number            | Price                                     | Buy         |
|-----------|----------|-------------|-------------------------|-------------------------------------------|-------------|
| 25.00     | 50.00    | Uncoated    | <a href="#">#24-068</a> | €597,40<br><a href="#">Volume Pricing</a> | 3 In Stock  |
| 25.00     | 75.00    | Uncoated    | <a href="#">#24-069</a> | €597,40<br><a href="#">Volume Pricing</a> | 17 In Stock |
| 25.00     | 100.00   | Uncoated    | <a href="#">#24-070</a> | €597,40<br><a href="#">Volume Pricing</a> | 16 In Stock |
| 25.00     | 50.00    | 355 V-Coat  | <a href="#">#23-867</a> | €654,05<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 25.00     | 75.00    | 355 V-Coat  | <a href="#">#23-868</a> | €654,05<br><a href="#">Volume Pricing</a> | Contact Us  |
| 25.00     | 100.00   | 355 V-Coat  | <a href="#">#23-869</a> | €654,05<br><a href="#">Volume Pricing</a> | Contact Us  |
| 25.00     | 50.00    | 532 V-Coat  | <a href="#">#23-864</a> | €654,05<br><a href="#">Volume Pricing</a> | Contact Us  |
| 25.00     | 75.00    | 532 V-Coat  | <a href="#">#23-865</a> | €654,05<br><a href="#">Volume Pricing</a> | Contact Us  |
| 25.00     | 100.00   | 532 V-Coat  | <a href="#">#23-866</a> | €654,05<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 25.00     | 50.00    | 1064 V-Coat | <a href="#">#23-861</a> | €654,05<br><a href="#">Volume Pricing</a> | 11 In Stock |
| 25.00     | 75.00    | 1064 V-Coat | <a href="#">#23-862</a> | €654,05<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 25.00     | 100.00   | 1064 V-Coat | <a href="#">#23-863</a> | €654,05<br><a href="#">Volume Pricing</a> | 7 In Stock  |



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Phone: 1-800-363-1992 :

[www.edmundoptics.com](http://www.edmundoptics.com)