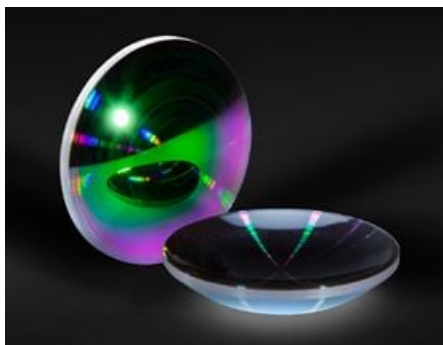


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**TECHSPEC® Silicon Aspheric Lenses**


- Diffraction-Limited Performance
- Low Density and Dispersion
- Ideal for Weight Sensitive IR Applications
- Available with BBAR (1650-3000nm) or Mid-Wave Infrared (3000-5000nm) AR Coatings

## Common Specifications

### Physical & Mechanical Properties

|                               |                      |                                |                |
|-------------------------------|----------------------|--------------------------------|----------------|
| <b>Diameter (mm):</b>         | 25.00 +0.00/-0.10    | <b>Centering (arcmin):</b>     | ≤10            |
| <b>Centering, ETD (μm):</b>   | <21.8                | <b>Clear Aperture CA (mm):</b> | 22.5           |
| <b>Bevel:</b>                 | Protective as needed | <b>Edges:</b>                  | Diamond Turned |
| <b>Shape of Back Surface:</b> | Concave              |                                |                |

### Optical Properties

|                                             |              |                                    |          |
|---------------------------------------------|--------------|------------------------------------|----------|
| <b>Substrate:</b>                           | Silicon (Si) |                                    |          |
| <b>Asphere Figure Error, RMS @ 632.8nm:</b> | $\lambda/6$  | <b>Surface Accuracy, P-V (μm):</b> | <0.3     |
| <b>Surface Quality:</b>                     | 60-40        | <b>Conjugate Distance:</b>         | Infinite |

## Technical Information

## Products

| Dia.<br>(mm) | EFL<br>(mm) | NA   | Coating            | Stock<br>Number         | Price                                         | Buy          |
|--------------|-------------|------|--------------------|-------------------------|-----------------------------------------------|--------------|
| 25.00        | 12.50       | 1.00 | Uncoated           | <a href="#">#89-357</a> | S\$1,036.00<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 25.00        | 25.00       | 0.50 | Uncoated           | <a href="#">#89-358</a> | S\$910.00<br><a href="#">Volume Pricing</a>   | 20+ In Stock |
| 25.00        | 50.00       | 0.25 | Uncoated           | <a href="#">#89-359</a> | S\$910.00<br><a href="#">Volume Pricing</a>   | 20+ In Stock |
| 25.00        | 12.50       | 1.00 | BBAR (3000-5000nm) | <a href="#">#89-362</a> | S\$1,246.00<br><a href="#">Volume Pricing</a> | 3 In Stock   |
| 25.00        | 25.00       | 0.50 | BBAR (3000-5000nm) | <a href="#">#89-617</a> | S\$1,127.00<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 25.00        | 50.00       | 0.25 | BBAR (3000-5000nm) | <a href="#">#89-618</a> | S\$1,127.00<br><a href="#">Volume Pricing</a> | 14 In Stock  |
| 25.00        | 12.50       | 1.00 | BBAR (1650-3000nm) | <a href="#">#24-288</a> | S\$1,120.00<br><a href="#">Volume Pricing</a> | 8 In Stock   |
| 25.00        | 25.00       | 0.50 | BBAR (1650-3000nm) | <a href="#">#24-289</a> | S\$994.00<br><a href="#">Volume Pricing</a>   | 5 In Stock   |
| 25.00        | 50.00       | 0.25 | BBAR (1650-3000nm) | <a href="#">#24-290</a> | S\$994.00<br><a href="#">Volume Pricing</a>   | 5 In Stock   |



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