

TECHSPEC®

10mm Dia., 0.50 Numerical Aperture, 350-700nm Coated, Inked, High Precision Aspheric Lens



TECHSPEC® Precision Aspheric Lenses

Stock **#16-951-INK** [CONTACT US](#)

[Other Coating Options](#)

1 MRP ₹30,692

Price inclusive of all taxes

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | ₹30,692 each |
| Qty 6-10 | ₹27,612 each |
| Qty 11-25 | ₹25,169 each |
| Need More? | Request Quote |

Product Downloads

General

Aspheric Lens **Type:**

Physical & Mechanical Properties

| | |
|---|---|
| 10.00 ±0.025 | Diameter (mm): |
| <3 | Centering (arcmin): |
| 9.00 | Clear Aperture CA (mm): |
| 6.18 | Edge Thickness ET (mm): |
| 7.80 ±0.10 | Center Thickness CT (mm): |
| Protective as needed | Bevel: |
| Plano | Shape of Back Surface: |
| Optical Properties | |
| 10.00 @587.6nm | Effective Focal Length EFL (mm): |
| 0.50 | Numerical Aperture NA: |
| 5.68 | Back Focal Length BFL (mm): |
| N-SF6 | Substrate: <input type="checkbox"/> |
| 0.4λ | Asphere Figure Error, RMS @ 632.8nm: |
| VIS-EXT+ (350-700nm) | Coating: |
| Coating Specification: R _{avg} <0.5% @ 350 - 700nm @ ±30° AOI R _{abs} <1.5% @ 350 - 700nm @ ±30° AOI | |
| 40-20 | Surface Quality: |
| 1.00 | f/#: |
| 350 - 700 | Wavelength Range (nm): |
| Infinite | Conjugate Distance: |

| | |
|--|------------------------------------|
| Regulatory Compliance | |
| View | Certificate of Conformance: |
| Singapore | Country of Origin: |
| Imported By: Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000 | |

Product Details

- Improved Versions of Our Aspheric Lenses
- Precision Grade Aspheric Surfaces
- High Numerical Apertures to Maximize Throughput

TECHSPEC® Precision Aspheric Lenses are CNC polished aspheric lenses that feature a 0.4λ RMS aspheric figure error. The precision aspheric figure error makes these lenses ideal for applications that require spherical aberration correction, including imaging and laser focusing applications. These aspheric lenses can also be used to replace multiple spherical elements in optical assemblies to reduce weight and cost. TECHSPEC Precision Aspheric Lenses are available with diameters from 6 to 50mm and high numerical apertures to maximize light throughput.

Compatible Mounts