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TECHSPEC<sup>®</sup>

20mm Dia., 0.80 Numerical Aperture, Uncoated, Inked, High Precision Aspheric Lens



TECHSPEC<sup>®</sup> Precision Aspheric Lenses

Stock **#37-423-INK** [CONTACT US](#)

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-

1

+

₹36,540

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹36,540 each                  |
| Qty 6-25       | ₹29,160 each                  |
| Qty 26-49      | ₹27,450 each                  |
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Product Downloads

General

Aspheric Lens

Type:

Physical & Mechanical Properties

20.00 ±0.025

Diameter (mm):

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <3                                  | Centering (arcmin):                  |
| 18.00                               | Clear Aperture CA (mm):              |
| 5.01                                | Edge Thickness ET (mm):              |
| 10.50 ±0.10                         | Center Thickness CT (mm):            |
| Protective as needed                | Bevel:                               |
| Plano                               | Shape of Back Surface:               |
| Optical Properties                  |                                      |
| 12.50 @ 587.6nm                     | Effective Focal Length EFL (mm):     |
| 0.80                                | Numerical Aperture NA:               |
| 6.68                                | Back Focal Length BFL (mm):          |
| N-SF6                               | Substrate: □                         |
| 0.4λ                                | Asphere Figure Error, RMS @ 632.8nm: |
| Uncoated                            | Coating:                             |
| 40-20                               | Surface Quality:                     |
| 0.63                                | f/#:                                 |
| 390 - 2500                          | Wavelength Range (nm):               |
| Infinite                            | Conjugate Distance:                  |
| Regulatory Compliance               |                                      |
| View                                | Certificate of Conformance:          |
| Singapore                           | Country of Origin:                   |
| Edmund Optics India Private Limited | Imported By:                         |

## 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 0.4λRMS 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