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TECHSPEC® 25mm Dia., 0.50 Numerical Aperture, Uncoated, Precision Aspheric Lens

TECHSPEC® Precision Aspheric Lenses

Stock **#37-428** **10 In Stock**

Other Coating Options

- 1 + **€369**.00

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Volume Pricing	
Qty 1-5	**€369,00** each
Qty 6-10	**€332,00** each
Qty 11-25	**€303,00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Type:	Aspheric Lens

Physical & Mechanical Properties

Diameter (mm): 25.00 +0.00/-0.025	**Centering (arcmin):** <3
Clear Aperture CA (mm): 22.50	**Edge Thickness ET (mm):** 5.86
Center Thickness CT (mm): 9.86 ±0.10	**Bevel:** Protective as needed
Shape of Back Surface: Plano	

Optical Properties

Effective Focal Length EFL (mm): 25.00 @ 587.6nm	**Numerical Aperture NA:** 0.50
Back Focal Length BFL (mm): 19.54	**Substrate:** N-SF6
Aspheric Design Wavelength (nm): 587.6	**Asphere Figure Error, RMS @ 632.8nm:** 0.4λ
Coating: Uncoated	**Surface Quality:** 40-20
f/#: 1.00	**Wavelength Range (nm):** 390 - 2500
Conjugate Distance: Infinite	**Power (diopters):** 40.00

Regulatory Compliance

RoHS 2015: Compliant	**Certificate of Conformance:** View
Reach 233: Compliant	

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