

TECHSPEC® 25mm Dia., 0.25 NA, V-Coated 1550nm NIR Aspheric Lens



Stock #22-940

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A\$608.00

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Diameter (mm):

25.00 +0.0/-0.025

Effective Focal Length EFL (mm):

50.00 @ 1550nm

Numerical Aperture NA:

0.25

Back Focal Length BFL (mm):

42.65 @ 587.6nm
Substrate: N-SF6
Aspheric Design Wavelength (nm): 1550
Coating: 1550nm V-Coat
Coating Specification: R _{abs} < 0.25% @ 1550nm @ 0° AOI
Centering (arcmin): <2.5
Surface Quality: 40-20
Clear Aperture CA (mm): 22.5
Edge Thickness ET (mm): 6.43
Center Thickness CT (mm): 8.50 ±0.1
f#: 2
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Conjugate Distance: Infinite
Durability: ADHESION AND ABRASION AS PER MIL-PRF13830B APP C, PAR A C.3.8.4 AND C.3.8.5
Damage Threshold, By Design: 5 J/cm² @ 1550nm, 10ns
Asphere Figure Error, @ 632.8nm: 0.4λ RMS and 2λ PV
Power (diopters): 20.00

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant