

TECHSPEC[®] 25mm Dia 0.42 NA, 355nm V-Coat, Aspheric Lens



TECHSPEC[®] Laser Line Coated Aspheric Lenses

Stock #33-012 ☐ In Stock

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C\$763.00

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Diameter (mm):
25.00 +0.0/-0.1

Effective Focal Length EFL (mm):
30.00 @ 587.6nm

Numerical Aperture NA:
0.42

Back Focal Length BFL (mm): 24.17
Substrate: Fused Silica (Coming 7980)
Aspheric Design Wavelength (nm): 355
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: Laser V-Coat (355nm)
Coating Specification: Rabs <0.25% @ 355nm
Centering (arcmin): ≤5
Surface Quality: 60–40
Clear Aperture CA (mm): 22.5
Edge Thickness ET (mm): 2.21
Center Thickness CT (mm): 8.50 ±0.1
f/#: 1.2
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Conjugate Distance: Infinite
Damage Threshold, By Design: 7.5 J/cm² @ 355nm, 20ns, 20Hz
Power (diopters): 33.33

Regulatory Compliance

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