

TECHSPEC® 18mm Dia., 0.60 NA, 350-700nm Coated, NIR Aspheric Lens



TECHSPEC® Near-Infrared (NIR) Aspheric Lenses

Stock **#16-270** ☐ In Stock

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-

1

+

C\$343.00

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Qty 1-5

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Diameter (mm):
18.00 +0.00/-0.10

Effective Focal Length EFL (mm):
15.00 @ 780nm

Numerical Aperture NA:
0.60

Back Focal Length BFL (mm): 11.51
Substrate: S-LAH64
Aspheric Design Wavelength (nm): 780
Asphere Figure Error, RMS @ 632.8nm: 1.2λ
Coating: VS+ (350-700nm)
Coating Specification: R _{avg} < 0.5% @ 350 - 700nm @ 0° ±30° AOI R _{abs} < 1.5% @ 350 - 700nm @ 0° ±30° AOI
Centering (arcmin): <3
Surface Quality: 40-20
Clear Aperture CA (mm): 16.2
Edge Thickness ET (mm): 2.55
Center Thickness CT (mm): 6.20 ±0.10
f/#: 0.83
Bevel: Protective bevel as needed
Shape of Back Surface: Plano
Type: Aspheric Lens
Wavelength Range (nm): 350 - 700
Conjugate Distance: Infinite
Power (diopters): 66.67

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View