

TECHSPEC® 40mm Dia. x 100mm FL, YAG-BBAR Coated, Achromatic Lens



YAG-BBAR Coated Achromatic Lenses



Stock **#19-420** 3-5 DAYS

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⊖ 1 ⊕

S\$240.70

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Qty 1-5

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Diameter (mm):
40.00 +0.0/-0.025

Effective Focal Length EFL (mm):

100.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 91.24
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 39.00
Centering (arcmin): <1
Center Thickness CT (mm): 13.00 ±0.20
Center Thickness CT 1 (mm): 10.00 ±0.10
Center Thickness CT 2 (mm): 3.00 ±0.10
Radius R ₁ (mm): 46.73
Radius R ₂ (mm): -50.61
Radius R ₃ (mm): -341.70
Edge Thickness ET (mm): 7.92
Substrate:  N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 2.5
Numerical Aperture NA: 0.20
Coating: YAG-BBAR (500-1100nm)
Coating Specification: R _{abs} <0.25% @ 532nm R _{abs} <0.25% @ 1064nm R _{avg} <1.0% @ 500 - 1100nm
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Bevel: Protective bevel as needed
Type: Achromatic Lens
Wavelength Range (nm): 500 - 1100

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View