

TECHSPEC[®] 12.5mm Dia. x 75mm FL, YAG-BBAR Coated, Achromatic Lens



YAG-BBAR Coated Achromatic Lenses



Stock **#33-207** 3-5 DAYS

[Other Coating Options](#)

-

1

+

A\$131.20

ADD TO CART

Qty 1-5

A\$131.20

Qty 6+

A\$104.80

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
12.50 +0.000/-0.025

Effective Focal Length EFL (mm):

75.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 72.35
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.5
Centering (arcmin): <1
Center Thickness CT (mm): 4.60 ±0.10
Center Thickness CT 1 (mm): 3.00 ±0.05
Center Thickness CT 2 (mm): 1.6 ±0.05
Radius R ₁ (mm): 46.44
Radius R ₂ (mm): 33.77
Radius R ₃ (mm): 95.94
Edge Thickness ET (mm): 3.97
Substrate:  N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 6.00
Numerical Aperture NA: 0.08
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 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View