

TECHSPEC®

25mm Dia. x 50mm FL, YAG-BBAR Coated, Achromatic Lens



YAG-BBAR Coated Achromatic Lenses



Stock **#33-209** ☐ In Stock

☐ [Other Coating Options](#)

-

1

+

£94.35

ADD TO CART

Qty 1-5

£94.35

Qty 6+

£75.44

Volume Pricing

[Request Quote](#)

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
25.00 +0.000/-0.025

Effective Focal Length EFL (mm): 50.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 43.53
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 24.00
Centering (arcmin): <1
Center Thickness CT (mm): 11.50 ±0.20
Center Thickness CT 1 (mm): 9.00 ±0.10
Center Thickness CT 2 (mm): 2.5 ±0.10
Radius R₁ (mm): 34.53
Radius R₂ (mm): 21.98
Radius R₃ (mm): 214.63
Edge Thickness ET (mm): 8.79
Substrate: ☐ N-BAF10 / N-SF10
Surface Quality: 40-20
f/#: 2.00
Numerical Aperture NA: 0.25
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