

TECHSPEC® 12.5mm Dia. x 50mm FL, YAG-BBAR Coated, Achromatic Lens



YAG-BBAR Coated Achromatic Lenses



Stock **#33-206** ☐ In Stock

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⊖ 1 ⊕

€82,00

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Qty 1-5

€82,00

Qty 6+

€65,50

Volume Pricing

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Diameter (mm):
12.50 +0.000/-0.025

Effective Focal Length EFL (mm): 50.00
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 47.61
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.5
Centering (arcmin): <1
Center Thickness CT (mm): 5.00 ±0.10
Center Thickness CT 1 (mm): 3.5 ±0.05
Center Thickness CT 2 (mm): 1.5 ±0.05
Radius R₁ (mm): 30.73
Radius R₂ (mm): 22.32
Radius R₃ (mm): 64.75
Edge Thickness ET (mm): 4.06
Substrate: ☐ N-BK7 / N-SF5
Surface Quality: 40-20
f/#: 4.00
Numerical Aperture NA: 0.12
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