

TECHSPEC®

4.5mm Dia. x 4.5mm FL YAG-BBAR Coated, Double-Convex Lens



YAG-BBAR Coated Double-Convex (DCX) Lenses



Stock **#89-209** 3-4 DAYS

[Other Coating Options](#)

-

1

+

£55.25

ADD TO CART

Qty 1-9

£55.25

Qty 10+

£49.73

Volume Pricing

[Request Quote](#)

! Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
4.50 +0.000/-0.025

Back Focal Length BFL (mm): 3.7
Effective Focal Length EFL (mm): 4.50
Coating: YAG-BBAR (500-1100nm)
Coating Specification: R _{abs} <0.25% @ 532nm R _{abs} <0.25% @ 1064nm R _{avg} <1.0% @ 500 - 1100nm
Substrate: ☐ N-LASF44
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): 30-45, typical
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.60
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.8
Radius R₁=R₂ (mm): 6.58
Clear Aperture CA (mm): 4.05
f/#: 1
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.50
Type: Double-Convex Lens
Wavelength Range (nm): 500 - 1100

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant