

TECHSPEC® 9mm Dia. x 27mm FL YAG-BBAR Coated, Double-Convex Lens



YAG-BBAR Coated Double-Convex (DCX) Lenses



Stock **#89-226** 3-5 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

A\$68.80

ADD TO CART

Qty 1-9

A\$68.80

Qty 10+

A\$62.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
9.00 +0.0/-0.025

Back Focal Length BFL (mm):

26.08
Effective Focal Length EFL (mm): 27.00
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-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 2.74
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 2.00
Radius R ₁ =R ₂ (mm): 27.43
Clear Aperture CA (mm): 8.1
f/#: 3.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.17
Type: Double-Convex Lens
Wavelength Range (nm): 350 - 2200
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View