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SUBMIT



YAG-BBAR Coated Double-Convex (DCX) Lenses



Stock **#89-214** [CONTACT US](#)

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1



€52,00

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Qty 1-9

€52,00

Qty 10+

€46,75

Volume Pricing

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Diameter (mm):
5.00 +0.0/-0.025

Back Focal Length BFL (mm): 19.5
Effective Focal Length EFL (mm): 20.00
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): 1.50
Center Thickness Tolerance (mm): ±0.05
Edge Thickness ET (mm): 1.19
Radius R₁–R₂ (mm): 20.41
Clear Aperture CA (mm): 4.5
f/#: 4.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.13
Type: Double-Convex Lens
Wavelength Range (nm): 350 - 2200
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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