

TECHSPEC[®] 10.0mm Dia. x 10.0mm FL, Inked, YAG-BBAR Coated Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock **#88-821-INK** 3-5 DAYS

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C\$72.10

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Diameter (mm):
10.00 ±0.025

Effective Focal Length EFL (mm):

10.00 @ 587.6nm
Back Focal Length BFL (mm): 8.18
Coating: YAG-BBAR (500-1100nm)
Coating Specification: Rabs <0.25% @ 532nm Rabs <0.25% @ 1064nm Ravg <1.0% @ 500 - 1100nm
Substrate: ☐ N-SF11
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 3.25 ±0.05
Edge Thickness ET (mm): 1.45
Radius R ₁ (mm): 7.85
Clear Aperture CA (mm): 9
f/#: 1
Numerical Aperture NA: 0.50
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 532 - 1100
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View