

TECHSPEC®

40.0mm Dia. x 40.0mm FL, Inked, YAG-BBAR Coated Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock **#88-911-INK** [CONTACT US](#)

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⊖ 1 ⊕

€77,50

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Diameter (mm):
40.00 ±0.025

Effective Focal Length EFL (mm): 40.00 @ 587.6nm
Back Focal Length BFL (mm): 35.13
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-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): 8.70 ±0.10
Edge Thickness ET (mm): 1.50
Radius R₁ (mm): 31.39
Clear Aperture CA (mm): 39
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