

TECHSPEC® 9.0mm Dia. x 12.0mm FL, Inked, YAG-BBAR Coated Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



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Diameter (mm):
9.00 ±0.025

Effective Focal Length EFL (mm): 12.00 @ 587.6nm
Back Focal Length BFL (mm): 10.60
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): 2.50 ±0.05
Edge Thickness ET (mm): 1.36
Radius R₁ (mm): 9.42
Clear Aperture CA (mm): 8.1
f/#: 1.33
Numerical Aperture NA: 0.38
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 532 - 1100
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View