

TECHSPEC® 6.0mm Dia. x 48.0mm FL, YAG-BBAR, Inked, Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock **#88-806-INK** [CONTACT US](#)

[Other Coating Options](#)

⊖ 1 ⊕

£42.07

ADD TO CART

Qty 1-9

£42.07

Qty 10+

£37.82

Volume Pricing

[Request Quote](#)

! Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
6.00 ±0.025

Effective Focal Length EFL (mm): 48.00 @ 587.6nm
Back Focal Length BFL (mm): 46.95
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
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 1.60 ±0.05
Edge Thickness ET (mm): 1.42
Radius R₁ (mm): 24.81
Clear Aperture CA (mm): 5.4
f/#: 8
Numerical Aperture NA: 0.06
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 500 - 1100
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View