

TECHSPEC® 50.0mm Dia. x 75.0mm FL, YAG-BBAR, Inked, Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock #88-919-INK 10-15 DAYS

[Other Coating Options](#)

⊖ 1 ⊕

A\$128.80

ADD TO CART

Qty 1-9

A\$128.80

Qty 10+

A\$116.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
50.00 ±0.025

Effective Focal Length EFL (mm):
75.00 @ 587.6nm

Back Focal Length BFL (mm):
67.75

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):
11.00 ±0.10

Edge Thickness ET (mm):
1.86

Radius R₁ (mm):
38.76

Clear Aperture CA (mm):
49

f#:
1.5

Numerical Aperture NA:
0.33

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Wavelength Range (nm):
500 - 1100

Damage Threshold, By Design:
5 J/cm² @ 532nm, 10ns

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)