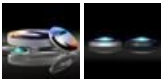


TECHSPEC® 40.0mm Dia. x 100.0mm FL, YAG-BBAR Coated, Plano-Convex Lens



YAG-BBAR Coated Plano-Convex (PCX) Lenses



Stock **#34-187** 10 TO 12 DAYS

[Other Coating Options](#)

- 1 +

₹5,786.00

ADD TO CART

Qty 1-9

₹5,786.00

Qty 10+

₹5,198.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
40.00 +0.000/-0.025

Effective Focal Length EFL (mm):

100.00 @587.6nm
Back Focal Length BFL (mm): 95.39
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): 7.00 ±0.10
Edge Thickness ET (mm): 2.97
Radius R₁ (mm): 51.68
Clear Aperture CA (mm): 39
f/#: 2
Numerical Aperture NA: 0.20
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 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant