

TECHSPEC® 50mm Dia. x 150mm FL, YAG-BBAR Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-193** 3-4 DAYS

- 1 +

£255.00

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Qty 1-5
£255.00
Qty 6+
£204.00
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Diameter (mm):
50.00 -0.025

Effective Focal Length EFL (mm):

150.00 @587.6nm
Back Focal Length BFL (mm): 145.20
Coating: YAG-BBAR (500-1100nm)
Coating Specification: R _{abs} <0.25% @ 532nm R _{abs} <0.25% @ 1064nm R _{avg} <1.0% @ 500 - 1100nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 3 Rings
Irregularity (P-V) @ 632.8nm: 0.5 Rings
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 7.00 ±0.10
Edge Thickness ET (mm): 2.29
Radius R₁ (mm): 68.77
Clear Aperture CA (mm): 49
f/#: 3
Numerical Aperture NA: 0.17
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 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant