

TECHSPEC® 50mm Dia. x 100mm FL, YAG-BBAR Coated, Plano-Convex Lens



UV Fused Silica Plano-Convex (PCX) Lenses



Stock **#18-188** 10 TO 12 DAYS

- 1 +

₹26,535.00

ADD TO CART

Qty 1-5

₹26,535.00

Qty 6+

₹21,228.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
50.00 -0.025

Effective Focal Length EFL (mm):
100.00 @587.6nm

Back Focal Length BFL (mm): 93.84
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): 9.00 ±0.10
Edge Thickness ET (mm): 1.58
Radius R₁ (mm): 45.85
Clear Aperture CA (mm): 49
f/#: 2
Numerical Aperture NA: 0.25
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