

TECHSPEC® 25.0mm Dia. x -50 FL, YAG-BBAR, Plano-Concave Lens



Stock #21-320 3-5 DAYS

- 1 + **A\$79.20**

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Qty 1-9
A\$79.20
Qty 10+
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Diameter (mm):
25.00

Effective Focal Length EFL (mm):
-50.00

Substrate: N-BK7
f/#: 1.00
Numerical Aperture NA: 0.25
Coating: YAG-BBAR (500-1100nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 500 - 1100
Back Focal Length BFL (mm): -52.31
Bevel: Protective bevel as needed
Center Thickness CT (mm): 3.50 ±0.10
Centering (arcmin): <1
Clear Aperture CA (mm): 24.00
Coating Specification: R _{abs} <0.25% @ 532nm R _{abs} <0.25% @ 1064nm R _{avg} <1.0% @ 500 - 1100nm
Edge Thickness ET (mm): 6.33
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁ (mm): -25.84
Surface Quality: 40-20
Damage Threshold, By Design: 5 J/cm² @ 532nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant