

TECHSPEC®

6.0mm Dia. x -6 FL, YAG-BBAR, Plano-Concave Lens



Stock #21-301

3-4 DAYS

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1

+

£35.27

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Diameter (mm):
6.00

Effective Focal Length EFL (mm):
-6.00

Substrate: N-SF11
f#: 1.00
Numerical Aperture NA: 0.50
Coating: YAG-BBAR (500-1100nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 500 - 1100
Back Focal Length BFL (mm): -6.84
Bevel: Protective bevel as needed
Center Thickness CT (mm): 1.50 ±0.05
Centering (arcmin): <3
Clear Aperture CA (mm): 5.4
Coating Specification: R_{abs} <0.25% @ 532nm R_{abs} <0.25% @ 1064nm R_{avg} <1.0% @ 500 - 1100nm
Edge Thickness ET (mm): 2.22
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R₁ (mm): -4.71
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