

TECHSPEC®

40.0mm Dia. x 80.0mm FL, VIS-NIR Coated, Plano-Convex Lens



Stock #33-385

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 +0.0/-0.025

Effective Focal Length EFL (mm):
80.00 @ 587.6nm

Back Focal Length BFL (mm): 74.73
Coating: VIS-NIR (400-1000nm)
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
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): 8.00 ±0.10
Edge Thickness ET (mm): 2.84
Radius R₁ (mm): 41.34
Clear Aperture CA (mm): 39
f#: 2.00
Numerical Aperture NA: 0.25
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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