

TECHSPEC[®] 20.0mm Dia. x 80.0mm FL, VIS-NIR Coated, Plano-Convex Lens



Stock **#47-385** 3-4 DAYS
[Other Coating Options](#)

-

1

+

£38.25

ADD TO CART

Qty 1-9
£38.25
Qty 10+
£34.42
Volume Pricing
Request Quote

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):

80.00 @ 587.6nm
Back Focal Length BFL (mm): 78.45
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): 2.35 ±0.10
Edge Thickness ET (mm): 1.13
Radius R₁ (mm): 41.48
Clear Aperture CA (mm): 19
f/#: 4.00
Numerical Aperture NA: 0.13
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 400 - 1000
Damage Threshold, By Design: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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