

TECHSPEC®

20.0mm Dia. x 80.0mm FL, VIS 0° Coated, Plano-Convex Lens



Stock **#47-890** ☐ In Stock
[Other Coating Options](#)

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1

+

C\$58.10

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Qty 1-9
C\$58.10
Qty 10+
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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: VS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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
Numerical Aperture NA: 0.13
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 425 - 675
Damage Threshold, Reference: ☐ 5 J/cm ² @ 532nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View