

TECHSPEC® 20mm Dia. x 80mm FL, VIS 0° Coated, Achromatic Lens



Stock **#49-946** ☐ In Stock
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1 **\$100.00**

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Qty 1-5
\$100.00
Qty 6+
\$80.00
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Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):
80.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 77.26
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 19.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 6.00 ±0.20
Center Thickness CT 1 (mm) : 4.00 ±0.10
Center Thickness CT 2 (mm) : 2.00 ±0.10
Radius R₁ (mm) : 50.49
Radius R₂ (mm) : -37.06
Radius R₃ (mm) : -102.19
Edge Thickness ET (mm) : 4.51
Substrate : ☐ N-BK7 / N-SF5
Surface Quality : 40-20
f/# : 4.00
Numerical Aperture NA : 0.13
Coating : VIS 0° (425-675nm)
Coating Specification : R _{avg} ≤0.4% @ 425 - 675nm
Power (P-V) @ 632.8nm : 1.5λ
Irregularity (P-V) @ 632.8nm : λ/4
Bevel : Protective bevel as needed
Type : Achromatic Lens
Wavelength Range (nm) : 425 - 675

Regulatory Compliance

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