

TECHSPEC® 20mm Dia. x 20mm FL, MgF₂ Coated, Achromatic Doublet Lens



MgF₂ Coated Achromatic Lenses



Stock **#65-552** 3-5 DAYS

- 1 +

S\$192.85

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Qty 1-5
S\$192.85
Qty 6+
S\$154.42
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Diameter (mm):
20.00 +0.0/-0.025

Effective Focal Length EFL (mm):
20.00

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 11.73
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 19.00
Centering (arcmin) : <1
Center Thickness CT (mm) : 16.57 ±0.20
Center Thickness CT 1 (mm) : 12.57 ±0.10
Center Thickness CT 2 (mm) : 4.00 ±0.10
Radius R₁ (mm) : 15.13
Radius R₂ (mm) : -11.18
Radius R₃ (mm) : -33.15
Edge Thickness ET (mm) : 11.25
Substrate: ☐ N-BASF64 / N-SF66
Surface Quality : 40-20
f/# : 1.00
Numerical Aperture NA : 0.50
Coating : MgF ₂ (400-700nm)
Coating Specification : R _{avg} ≤1.75% @400 - 700nm
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) : 400 - 700

Regulatory Compliance

RoHS 2015 : Compliant
Reach 224 : Compliant
Certificate of Conformance : View