

TECHSPEC®

20mm Dia. x 30mm FL, MgF₂ Coated, Double-Convex Lens



Stock **#45-295** ☐ In Stock
[Other Coating Options](#)

-

1

+

C\$52.50

ADD TO CART

Qty 1-9
C\$52.50
Qty 10+
C\$47.25
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
20.00 +0.0/-0.025

Back Focal Length BFL (mm):
28.20

Effective Focal Length EFL (mm): 30.00
Coating: MgF ₂ (400-700nm)
Coating Specification: R _{avg} ≤1.75% @ 400 - 700nm
Substrate: ☐ N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 5.30
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 1.88
Radius R₁=R₂ (mm): 30.08
Clear Aperture CA (mm): 19.00
f/#: 1.5
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.33
Type: Double-Convex Lens
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ 10 J/cm ² @ 532nm, 10ns

Regulatory Compliance

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