

TECHSPEC[®] 30mm Dia. x 50mm FL, MgF₂ Coated, Double-Convex Lens



Stock **#45-164** 3-5 DAYS

[Other Coating Options](#)

-

1

+

S\$73.22

ADD TO CART

Qty 1-9

S\$73.22

Qty 10+

S\$65.97

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
30.00 +0.0/-0.025

Back Focal Length BFL (mm):
47.82

Effective Focal Length EFL (mm): 50.00
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): 6.55
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 2.00
Radius R₁=R₂ (mm): 50.56
Clear Aperture CA (mm): 29.00
f/#: 1.67
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.30
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