

TECHSPEC®

50mm Dia. x 100mm FL, VIS 0° Coated, Double-Convex Lens



Stock **#48-261** ☐ In Stock
[Other Coating Options](#)

-

1

+

C\$91.00

ADD TO CART

Qty 1-9
C\$91.00
Qty 10+
C\$81.90
Volume Pricing
Request Quote

Get Product Downloads



Diameter (mm):
50.00 +0.0/-0.025

Back Focal Length BFL (mm):
96.65

Effective Focal Length EFL (mm): 100.00
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
Centering (arcmin): <1
Bevel: Protective bevel as needed
Center Thickness CT (mm): 10.00
Center Thickness Tolerance (mm): ±0.10
Edge Thickness ET (mm): 3.76
Radius R₁=R₂ (mm): 101.63
Clear Aperture CA (mm): 49.00
f/#: 2.00
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Numerical Aperture NA: 0.25
Type: Double-Convex Lens
Wavelength Range (nm): 425 - 675
Damage Threshold, Reference: ☐ 5 J/cm² @ 532nm, 10ns

Regulatory Compliance

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