

TECHSPEC® 5mm Dia. x 12.5mm FL, VIS-NIR Coated, Achromatic Lens



Stock **#49-947** ☐ In Stock

[Other Coating Options](#)

-

1

+

C\$121.80

ADD TO CART

Qty 1-5

C\$121.80

Qty 6+

C\$97.30

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):

5.00 +0.0/-0.025

Effective Focal Length EFL (mm):

12.50

Focal Length Tolerance (%) : ±1
Back Focal Length BFL (mm) : 10.89
Focal Length Specification Wavelength (nm) : 587.6
Clear Aperture CA (mm) : 4.5
Centering (arcmin) : <1
Center Thickness CT (mm) : 3.30 ±0.10
Center Thickness CT 1 (mm) : 2.30 ±0.05
Center Thickness CT 2 (mm) : 1.00 ±0.05
Radius R₁ (mm) : 8.57
Radius R₂ (mm) : -6.22
Radius R₃ (mm) : -21.36
Edge Thickness ET (mm) : 2.78
Substrate : ☐ N-SSK6 / N-SF56
Surface Quality : 40-20
f/# : 2.5
Numerical Aperture NA : 0.20
Coating : VIS-NIR (400-1000nm)
Coating Specification : R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
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 - 1000

Regulatory Compliance

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