

TECHSPEC[®] 12.7mm Dia. x 38.1mm FL, VIS 0° Coated, Achromatic Lens



Stock **#49-775** ☐ In Stock

[Other Coating Options](#)

-

1

+

£68.85

ADD TO CART

Qty 1-5

£68.85

Qty 6+

£55.04

Volume Pricing

[Request Quote](#)

 Prices shown are exclusive of VAT/local taxes

Get Product Downloads



Diameter (mm):

12.70 +0.0/-0.025

Effective Focal Length EFL (mm):

38.10
Focal Length Tolerance (%): ±1
Back Focal Length BFL (mm): 35.57
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 11.70
Centering (arcmin): <1
Center Thickness CT (mm): 5.00 ±0.20
Center Thickness CT 1 (mm): 3.50 ±0.10
Center Thickness CT 2 (mm): 1.50 ±0.10
Radius R ₁ (mm): 25.43
Radius R ₂ (mm): -20.03
Radius R ₃ (mm): -74.39
Edge Thickness ET (mm): 3.92
Substrate:  N-SSK8 / N-SF56
Surface Quality: 40-20
f/#: 3.00
Numerical Aperture NA: 0.17
Coating: VIS 0° (425-675nm)
Coating Specification: R _{avg} ≤0.4% @ 425 - 675nm
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): 425 - 675

Regulatory Compliance

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