

TECHSPEC® 2mm Dia. x 12mm FL, VIS 0° Coated, Achromatic Lens



Stock **#83-979** CLEARANCE ☐ In Stock

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Diameter (mm):
2.00 +0.0/-0.025

Effective Focal Length EFL (mm):
12.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm):

11.00
Focal Length Specification Wavelength (nm): 587.6
Clear Aperture CA (mm): 1.6
Centering (arcmin): <1
Center Thickness CT (mm): 2.00 ±0.10
Center Thickness CT 1 (mm): 1.00 ±0.05
Center Thickness CT 2 (mm): 1.00 ±0.05
Radius R₁ (mm): 7.20
Radius R₂ (mm): -7.2
Radius R₃ (mm): -27.8
Edge Thickness ET (mm): 1.91
Substrate: ☐ N-PSK53A / N-LASF9
Surface Quality: 20-10
f/#: 6.00
Numerical Aperture NA: 0.08
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

Reach 181: Compliant
RoHS 2015: Compliant
Certificate of Conformance: View