

TECHSPEC® 6.25mm Dia. x 30mm EFL, UV-VIS Coated, Near UV Achromatic Lens



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Diameter (mm):
6.25 +0.0/-0.025

Effective Focal Length EFL (mm):
30.00

Focal Length Tolerance (%):
±1

Back Focal Length BFL (mm):

28.39
Focal Length Specification Wavelength (nm): 405.00
Clear Aperture CA (mm): 5.25
Centering (arcmin): <1
Center Thickness CT (mm): 3.00 ±0.10
Center Thickness CT 1 (mm): 2.00 ±0.05
Center Thickness CT 2 (mm): 1.00 ±0.05
Radius R₁ (mm): 16.37
Radius R₂ (mm): -16.37
Radius R₃ (mm): -52.44
Edge Thickness ET (mm): 2.61
Substrate: ☐ N-FK5 / F2HT
Surface Quality: 40-20
f/#: 4.8
Numerical Aperture NA: 0.10
Coating: UV-VIS (345-700nm)
Coating Specification: R _{avg} ≤1.5% @ 345 - 700nm
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): 345 - 700

Regulatory Compliance

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