

TECHSPEC® 12.7mm Dia. x 44.5mm FL, Uncoated, Plano-Convex Lens



Stock **#49-845** ☐ In Stock
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1 **C\$39.20**

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Diameter (mm):
12.70 +0.0/-0.025

Effective Focal Length EFL (mm):
44.50 @ 587.6nm

Back Focal Length BFL (mm): 42.69
Coating: Uncoated
Substrate:  N-BK7
Surface Quality: 40-20
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 2.75 ±0.10
Edge Thickness ET (mm): 1.86
Radius R₁ (mm): 23.00
Clear Aperture CA (mm): 11.7
f#: 3.5
Numerical Aperture NA: 0.14
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 350 - 2200

Regulatory Compliance

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