

TECHSPEC[®] 12.0mm Dia. x -50 FL, VIS-NIR , UV Plano-Concave Lens



UV Fused Silica Plano-Concave (PCV) Lenses



Stock #21-052 3-5 DAYS

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− 1 +

A\$228.80

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):

-50.00
Substrate: Fused Silica (Coming 7980)
f#: 4.17
Numerical Aperture NA: 0.12
Coating: VIS-NIR (400-1000nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 400 - 1000
Back Focal Length BFL (mm): -51.37
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <1
Clear Aperture CA (mm): 11
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @400 - 870nm R _{avg} ≤1.25% @890 - 1000nm
Edge Thickness ET (mm): 2.72
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Note: Max. Flat Annulus is 0.3mm
Radius R₁ (mm): -22.92
Surface Quality: 40-20
Damage Threshold, Reference: View 5 J/cm² @ 532nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

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