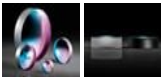


TECHSPEC® 12.0mm Dia. x -100 FL, VIS-NIR, UV Plano-Concave Lens



UV Fused Silica Plano-Concave (PCV) Lenses



Stock **#21-053** 3-4 DAYS

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⊖ 1 ⊕

€143,00

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Qty 1-5

€143,00

Qty 6+

€114,50

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm): -100.00
Substrate: Fused Silica (Coming 7980)
f/#: 8.33
Numerical Aperture NA: 0.06
Coating: VIS-NIR (400-1000nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 400 - 1000
Back Focal Length BFL (mm): -101.37
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): 2.36
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Note: Max. Flat Annulus is 0.3mm
Radius R ₁ (mm): -45.85
Surface Quality: 40-20
Damage Threshold, Reference: 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