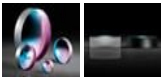


TECHSPEC® 12mm Dia. x -45mm FL, UV-AR Coated, UV DCV Lens



UV Fused Silica Plano-Concave (PCV) Lenses



Stock **#48-061** ☒ In Stock

[Other Coating Options](#)

1

€142,50

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Qty 1-5

€142,50

Qty 6+

€114,00

Volume Pricing

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm): -45.00
Substrate: Fused Silica (Coming 7980)
f/#: 3.75
Numerical Aperture NA: 0.13
Coating: UV-AR (250-425nm)
Type: Double-Concave Lens
Wavelength Range (nm): 250 - 425
Back Focal Length BFL (mm): -45.68
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.05
Centering (arcmin): <1
Clear Aperture CA (mm): 11.0
Coating Specification: R _{abs} ≤1.0% @ 250 - 425nm R _{avg} ≤0.75% @ 250 - 425nm R _{avg} ≤0.5% @ 370 - 420nm
Edge Thickness ET (mm): 2.79
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±2
Note: Max. Flat Annulus is 0.3mm
Radius R ₁ =R ₂ (mm): -41.57
Surface Quality: 40-20
Damage Threshold, Reference: 3 J/cm² @ 355nm, 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