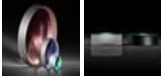


TECHSPEC® 50mm Diameter x -100 FL, VIS-NIR, Inked, Plano-Concave Lens



TECHSPEC VIS-NIR Coated Plano-Concave (PCV) Lenses



Stock **#45-925-INK** [CONTACT US](#)

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- 1 + **€82,50**

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Qty 1-9
€82,50

Qty 10+
€74,25

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Diameter (mm):
50.00 ±0.025

Effective Focal Length EFL (mm): -100.00
Substrate: N-BK7
f/#: 2.00
Numerical Aperture NA: 0.25
Coating: VIS-NIR (400-1000nm)
Type: Plano-Concave Lens
Wavelength Range (nm): 400 - 1000
Back Focal Length BFL (mm): -103.30
Bevel: Protective bevel as needed
Center Thickness CT (mm): 5.00
Center Thickness Tolerance (mm): ±0.10
Centering (arcmin): <1
Clear Aperture CA (mm): 49.00
Coating Specification: R _{abs} ≤0.25% @ 880nm R _{avg} ≤1.25% @ 400 - 870nm R _{avg} ≤1.25% @ 890 - 1000nm
Edge Thickness ET (mm): 11.23
Focal Length Specification Wavelength (nm): 587.6
Focal Length Tolerance (%): ±1
Radius R ₁ (mm): -51.68
Surface Quality: 40-20
Damage Threshold, By Design: 5 J/cm² @ 532nm, 10ns
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/4

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View