

TECHSPEC® 25.4mm Dia. x 50mm FL, 1064nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock **#38-722** ☐ **In Stock**

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1

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£172.55

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Diameter (mm):
25.40 +0.00/-0.025

Effective Focal Length EFL (mm):
50.00 @355nm

Back Focal Length BFL (mm):

45.71
Coating: Laser V-Coat (1064nm)
Coating Specification: R _{abs} <0.25% @ 1064nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 10-5
Power (P-V) @ 632.8nm: λ
Irregularity (P-V) @ 632.8nm: λ/10
Focal Length Tolerance (%): ±1
Centering (arcmin): <1
Center Thickness CT (mm): 6.35 ±0.10
Edge Thickness ET (mm): 2.35
Radius R₁ (mm): 23.80
Clear Aperture CA (mm): 21.59
f/#: 1.97
Numerical Aperture NA: 0.25
Design Wavelength DWL (nm): 1064
Type: Plano-Convex Lens
Bevel: Protective Bevel As Needed
Damage Threshold, By Design: ☐ 15 J/cm² @ 1064nm, 20ns, 20Hz

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View