

TECHSPEC[®] 12.7mm Dia. x 100mm FL, 532nm Coated, Laser Grade PCX Lens



TECHSPEC Laser Grade PCX Lenses

Stock #38-712 10 TO 12 DAYS

[Other Coating Options](#)

-

1

+

₹15,921.00

ADD TO CART

Qty 1-5

₹15,921.00

Qty 6+

₹12,702.00

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
12.70 +0.00/-0.025

Effective Focal Length EFL (mm):
100.00 @ 355nm

Back Focal Length BFL (mm):
97.32

Coating: Laser V-Coat (532nm)
Coating Specification: R_{abs} <0.25% @ 532nm
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): 4.00 ±0.10
Edge Thickness ET (mm): 3.57
Radius R₁ (mm): 47.61
Clear Aperture CA (mm): 11.43
f/#: 7.87
Numerical Aperture NA: 0.06
Design Wavelength DWL (nm): 532
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Damage Threshold, By Design: 10 J/cm² @ 532nm, 20ns, 20Hz

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View