

TECHSPEC® 12.0mm Diameter x 54.0mm FL, 1064nm V-Coat, PCX Lens



633nm Laser Line Coated Plano-Convex (PCX) Lenses



Stock #69-613 3-4 DAYS

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⊖ 1 ⊕ **€47,50**

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Qty 1-9

€47,50

Qty 10+

€42,75

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ⓘ Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
54.00 @ 587.6nm

Back Focal Length BFL (mm):
52.02

Coating:
Laser V-Coat (1064nm)

Coating Specification:
 $R_{\text{abs}} < 0.25\%$ @ 1064nm

Substrate:
[N-BK7](#)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
 1.5λ

Irregularity (P-V) @ 632.8nm:
 $\lambda/4$

Focal Length Tolerance (%):
 ± 1

Centering (arcmin):
<1

Center Thickness CT (mm):
 3.00 ± 0.05

Edge Thickness ET (mm):
2.35

Radius R_1 (mm):
27.91

Clear Aperture CA (mm):
11

f#:
4.5

Numerical Aperture NA:
0.11

Design Wavelength DWL (nm):
1064

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Damage Threshold, By Design:
 5 J/cm^2 @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)