

TECHSPEC® 6.0mm Diameter x 18.0mm FL, 1550nm V-Coat, PCX Lens



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



Stock #84-210 3-4 DAYS

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1 €44,50

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Qty 1-9

€44,50

Qty 10+

€40,00

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Diameter (mm):
6.00 +0.0/-0.025

Effective Focal Length EFL (mm):
18.00 @ 587.6nm

Back Focal Length BFL (mm):
17.07

Coating:
Laser V-Coat (1550nm)

Coating Specification:
 $R_{\text{abs}} < 0.25\%$ @ 1550nm

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):
 1.42 ± 0.05

Edge Thickness ET (mm):
0.9

Radius R_1 (mm):
9.30

Clear Aperture CA (mm):
5.4

f#:
3.00

Numerical Aperture NA:
0.17

Design Wavelength DWL (nm):
1550

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Damage Threshold, By Design:
 5 J/cm^2 @ 1550nm, 10ns

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)
