

TECHSPEC® 12.5mm Diameter x 50mm FL UV-AR Coated, UV PCX Cylinder Lens



Stock #68-177

CLEARANCE

3-5 DAYS

-

1

+

A\$148.72

ADD TO CART

Qty 1+

A\$148.72

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):

12.50 +0.0/-0.2

Effective Focal Length EFL (mm):

50.00

Substrate: ☐

[Fused Silica](#) (Coming 7980)

f/#:

4.00

Numerical Aperture NA:

0.13

Coating: UV-AR (250-425nm)
Type: Cylinder Lens, Plano-Convex
Wavelength Range (nm): 250 - 425
Back Focal Length BFL (mm): 48.63
Center Thickness CT (mm): 2.00
Center Thickness Tolerance (mm): ±0.1
Coating Specification: R _{abs} ≤1.0% @ 250 - 425nm R _{avg} ≤0.75% @ 250 - 425nm R _{avg} ≤0.5% @ 370 - 420nm
Edge Thickness ET (mm): 1.13
Focal Length Tolerance (%): ±3
Radius R (mm): 22.93
Surface Quality: 40-20
Wedge Tolerance (arcmin): 15.00
Damage Threshold, Reference: □ 3 J/cm² @ 355nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View