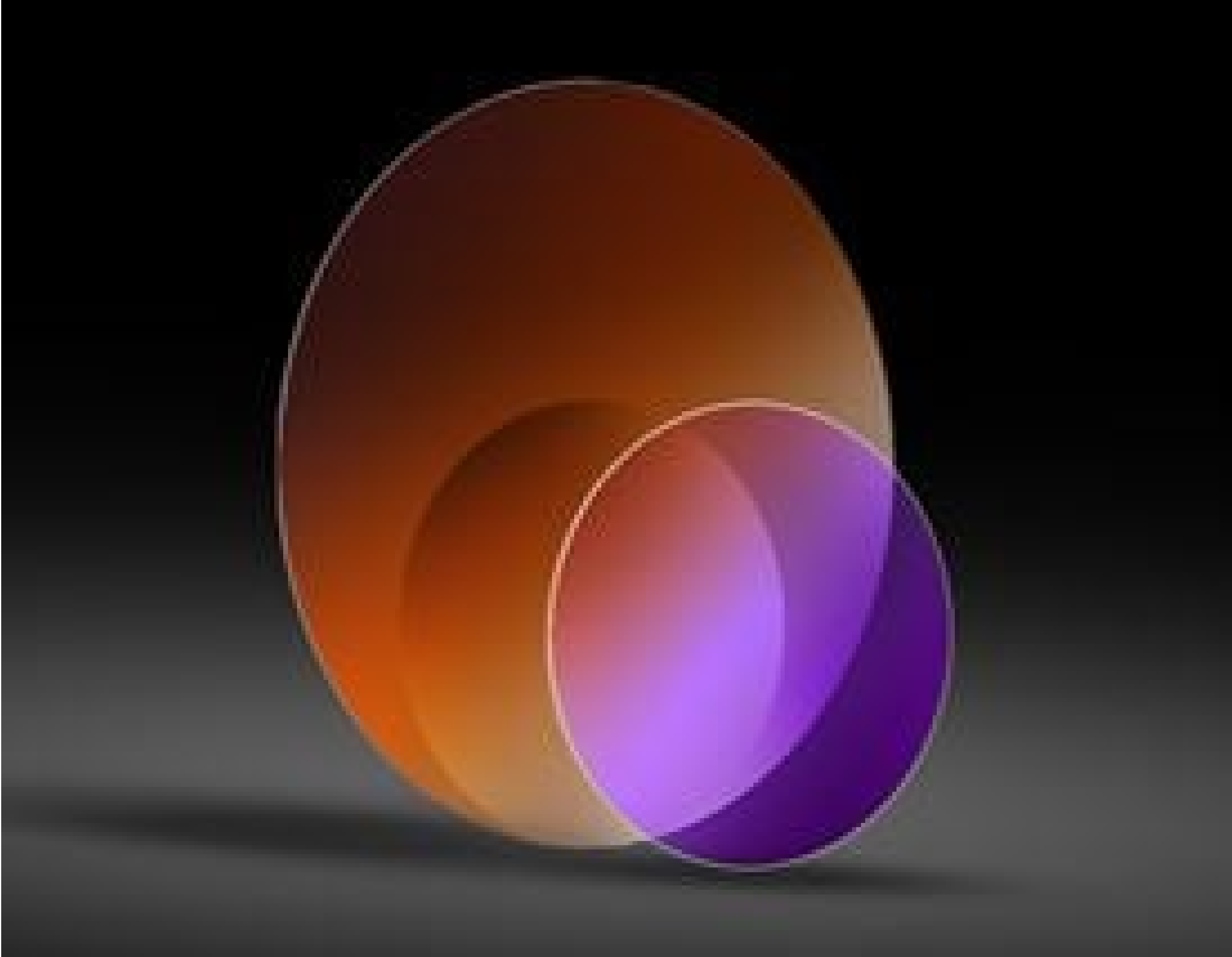


TECHSPEC[®] 12.7mm Diameter x 50mm FL, 700-900nm Coated, Ultrafast Thin PCX Lens



Stock #11-652 3-5 DAYS

[Other Coating Options](#)

-

1

+

A\$152.00

ADD TO CART

Qty 1-5

A\$152.00

Qty 6+

A\$134.40

Volume Pricing

[Request Quote](#)

Get Product Downloads



Diameter (mm):
12.70 +0.00/-0.10

Effective Focal Length EFL (mm):
50.06 @ 587.6nm

Back Focal Length BFL (mm):
49.03

Coating: BBAR (700-900nm)
Coating Specification: R_{abs} <0.2% @ 700 - 900nm
Substrate: ☐ Fused Silica (Corning 7980)
Surface Quality: 20-10
Power (P-V) @ 632.8nm: 1.5λ
Irregularity (P-V) @ 632.8nm: λ/8
Focal Length Tolerance (%): ±1
Centering (arcmin): <3
Center Thickness CT (mm): 1.50 ±0.10
Edge Thickness ET (mm): 0.61
Radius R₁ (mm): 22.95
Clear Aperture CA (mm): 11.43
f/#: 3.94
Numerical Aperture NA: 0.127
Design Wavelength DWL (nm): 800
Type: Plano-Convex Lens
Bevel: Protective bevel as needed
Wavelength Range (nm): 700 - 900
Angle of Incidence (°): 0
Damage Threshold, By Design: ☐ 10 J/cm² @ 532nm, 20ns, 20Hz

Regulatory Compliance

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