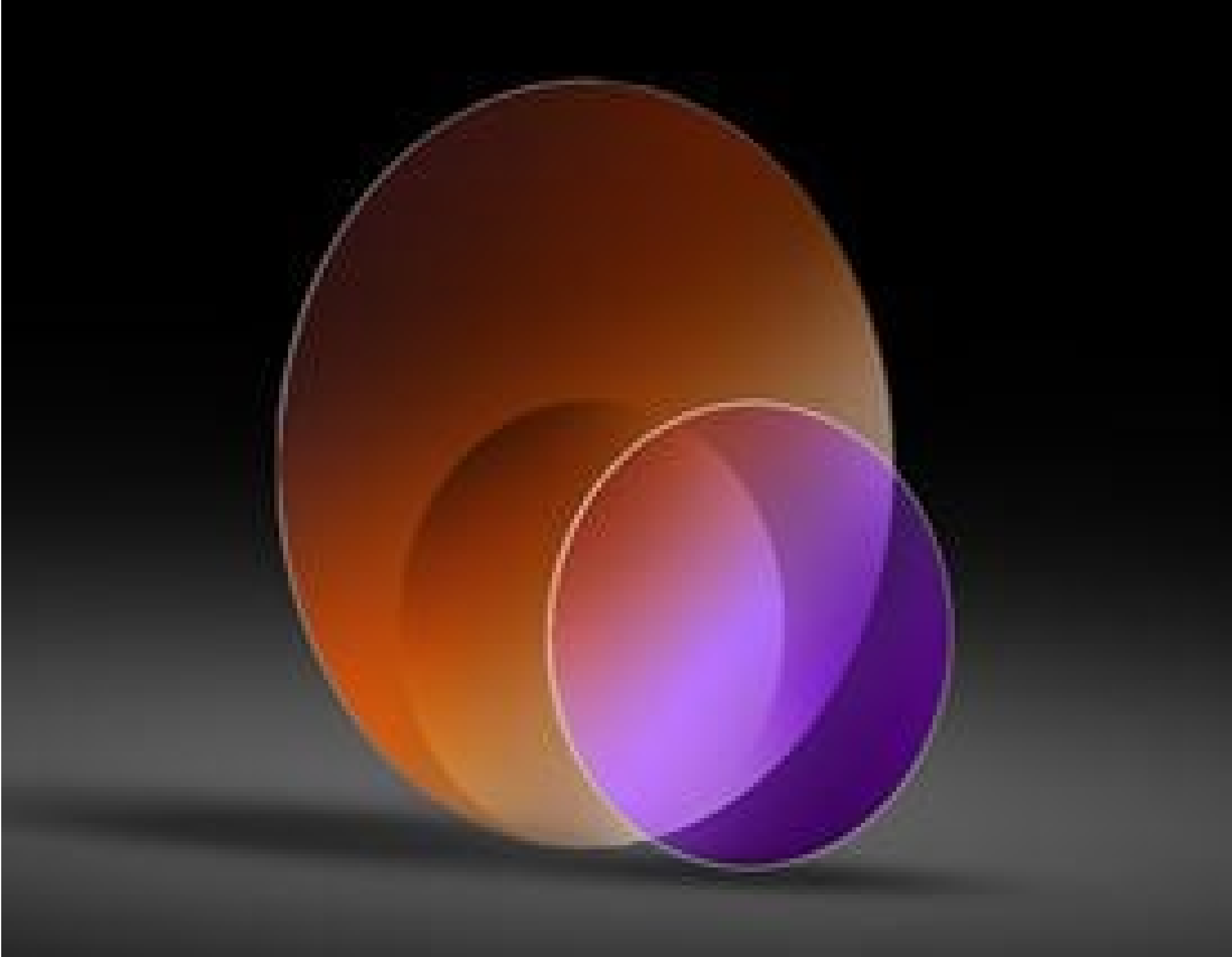


TECHSPEC® 12.7mm Diameter x 100mm FL, 700-900nm Coated, Ultrafast Thin PCX Lens



Stock **#11-654** ☐ In Stock

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1

C\$133.00

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Qty 1-5

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Qty 6+

C\$117.60

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Diameter (mm):
12.70 +0.00/-0.10

Effective Focal Length EFL (mm):
100.12 @587.6nm

Back Focal Length BFL (mm):
99.09

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): 1.06
Radius R₁ (mm): 45.90
Clear Aperture CA (mm): 11.43
f/#: 7.88
Numerical Aperture NA: 0.064
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