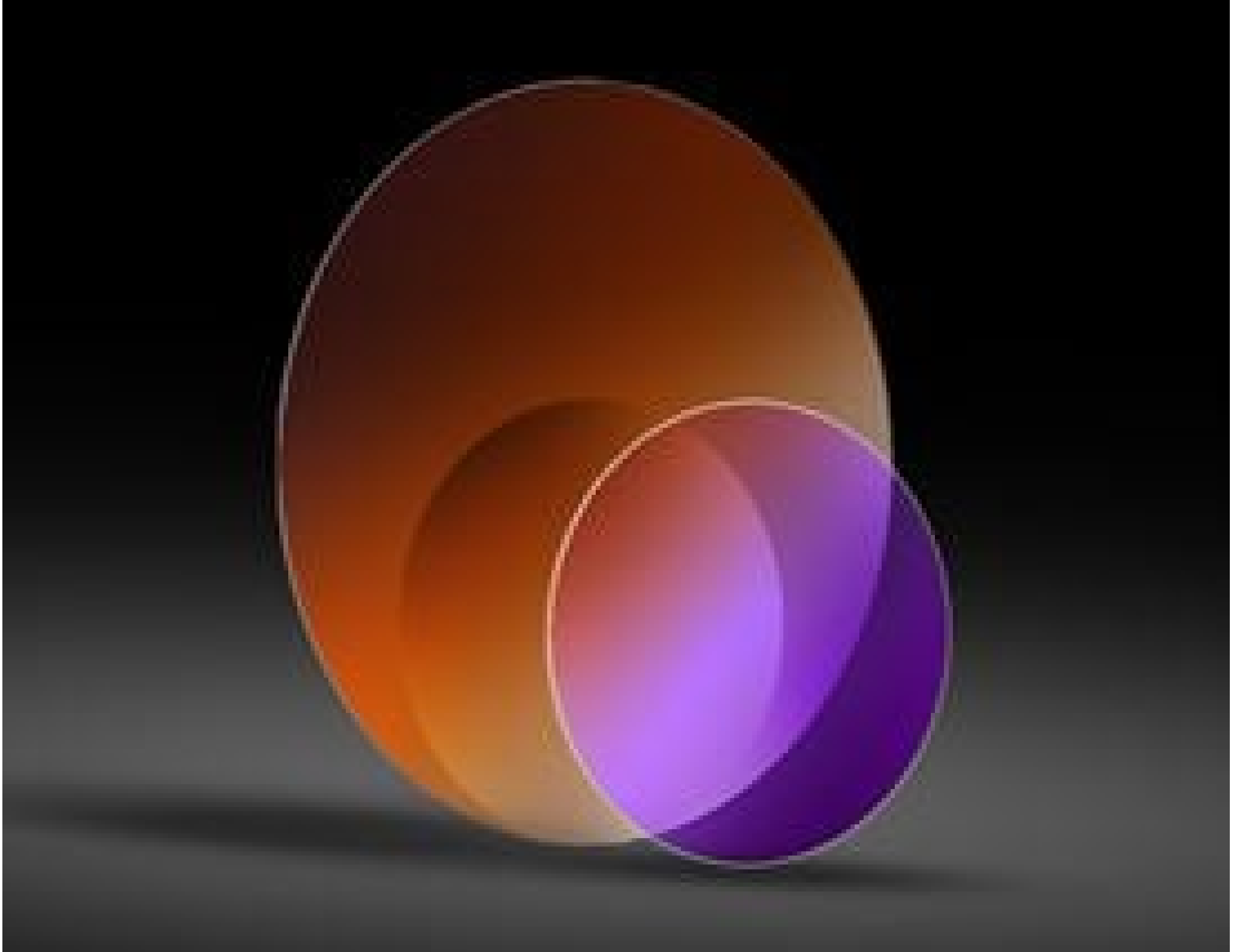


## TECHSPEC® 12.7mm Diameter x 100mm FL, 700-900nm Coated, Ultrafast Thin PCX Lens



Stock #11-654 3-4 DAYS

[Other Coating Options](#)

⊖ 1 ⊕ **£80.75**

**ADD TO CART**

Qty 1-5

£80.75

Qty 6+

£71.40

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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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<sub>abs</sub> <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 R<sub>1</sub> (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/cm<sup>2</sup> @ 532nm, 20ns, 20Hz

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Reach 219:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)