

## TECHSPEC® 6.0mm Dia. x 30.0mm FL, NIR II Coated, Plano-Convex Lens



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1  **£31.45**

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Qty 1-9

£31.45

Qty 10+

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**Diameter (mm):**  
6.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
30.00 @ 587.6nm

**Back Focal Length BFL (mm):**  
29.14

**Coating:**  
NIR II (750-1550nm)

**Coating Specification:**  
R<sub>abs</sub> ≤ 1.5% @ 750 - 800nm  
R<sub>abs</sub> ≤ 1.0% @ 800 - 1550nm  
R<sub>avg</sub> ≤ 0.7% @ 750 - 1550nm

**Substrate:**   
[N-BK7](#)

**Surface Quality:**  
40-20

**Power (P-V) @ 632.8nm:**  
1.5λ

**Irregularity (P-V) @ 632.8nm:**  
λ/4

**Focal Length Tolerance (%):**  
±1

**Centering (arcmin):**  
<1

**Center Thickness CT (mm):**  
1.30 ± 0.05

**Edge Thickness ET (mm):**  
1.01

**Radius R<sub>1</sub> (mm):**  
15.50

**Clear Aperture CA (mm):**  
5.4

**f#:**  
5

**Numerical Aperture NA:**  
0.10

**Type:**  
Plano-Convex Lens

**Bevel:**  
Protective bevel as needed

**Wavelength Range (nm):**  
750 - 1550

**Damage Threshold, Reference:**   
8 J/cm<sup>2</sup> @ 1064nm, 10ns

## Regulatory Compliance

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

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

**Reach 235:**  
[Compliant](#)