

## TECHSPEC® 12.0mm Dia. x 18.0mm FL, MgF<sub>2</sub> Coated, Plano-Convex Lens



Stock #32-007  In Stock

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1  **€36,00**

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Qty 1-9

€36,00

Qty 10+

€32,50

Volume Pricing

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**Diameter (mm):**  
12.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
18.00 @ 587.6nm

**Back Focal Length BFL (mm):**  
16.22

**Coating:**  
MgF<sub>2</sub> (400-700nm)

**Coating Specification:**  
R<sub>avg</sub> ≤ 1.75% @ 400 - 700nm

**Substrate:**   
[N-SF5](#)

**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):**  
3.00 ± 0.05

**Edge Thickness ET (mm):**  
1.41

**Radius R<sub>1</sub> (mm):**  
12.11

**Clear Aperture CA (mm):**  
11

**f#:**  
1.5

**Numerical Aperture NA:**  
0.33

**Type:**  
Plano-Convex Lens

**Bevel:**  
Protective bevel as needed

**Wavelength Range (nm):**  
400 - 700

**Damage Threshold, By Design:**   
10 J/cm<sup>2</sup> @ 532nm, 10ns

## Regulatory Compliance

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

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

**Reach 240:**  
[Compliant](#)

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