

**TECHSPEC® 6mm Dia. x -12mm FL, MgF<sub>2</sub> Coated, Double-Concave Lens**



Stock **#48-687** 3-4 DAYS  
[Other Coating Options](#)

- 1 + **€33,50**

ADD TO CART

|                               |
|-------------------------------|
| Qty 1-9                       |
| €33,50                        |
| Qty 10+                       |
| €30,25                        |
| Volume Pricing                |
| <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Get Product Downloads



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

**Effective Focal Length EFL (mm):**

|                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|
| -12.00                                                                                                        |
| <div>Substrate: <input type="checkbox"/></div> <div>N-BK7</div>                                               |
| <div>f#:</div> <div>2.00</div>                                                                                |
| <div>Numerical Aperture NA:</div> <div>0.25</div>                                                             |
| <div>Coating:</div> <div>MgF<sub>2</sub> (400-700nm)</div>                                                    |
| <div>Type:</div> <div>Double-Concave Lens</div>                                                               |
| <div>Wavelength Range (nm):</div> <div>400 - 700</div>                                                        |
| <div>Back Focal Length BFL (mm):</div> <div>-12.33</div>                                                      |
| <div>Bevel:</div> <div>Protective bevel as needed</div>                                                       |
| <div>Center Thickness CT (mm):</div> <div>1.00</div>                                                          |
| <div>Center Thickness Tolerance (mm):</div> <div>±0.05</div>                                                  |
| <div>Centering (arcmin):</div> <div>&lt;1</div>                                                               |
| <div>Clear Aperture CA (mm):</div> <div>5.4</div>                                                             |
| <div>Coating Specification:</div> <div>R<sub>avg</sub> ≤1.75% @ 400 - 700nm</div>                             |
| <div>Edge Thickness ET (mm):</div> <div>1.59</div>                                                            |
| <div>Focal Length Specification Wavelength (nm):</div> <div>587.6</div>                                       |
| <div>Focal Length Tolerance (%):</div> <div>±1</div>                                                          |
| <div>Radius R<sub>1</sub>=R<sub>2</sub> (mm):</div> <div>-12.57</div>                                         |
| <div>Surface Quality:</div> <div>40-20</div>                                                                  |
| <div>Damage Threshold, By Design: <input type="checkbox"/></div> <div>10 J/cm<sup>2</sup> @ 532nm, 10ns</div> |
| <div>Power (P-V) @ 632.8nm:</div> <div>1.5λ</div>                                                             |
| <div>Irregularity (P-V) @ 632.8nm:</div> <div>λ/4</div>                                                       |

## Regulatory Compliance

|                                                        |
|--------------------------------------------------------|
| <div>RoHS 2015:</div> <div>Compliant</div>             |
| <div>Certificate of Conformance:</div> <div>View</div> |
| <div>Reach 235:</div> <div>Compliant</div>             |