

**TECHSPEC® 18mm Dia. x 30mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens**



MgF<sub>2</sub> Coated Achromatic Lenses



Stock **#45-348** 10 TO 12 DAYS

[Other Coating Options](#)

- 1 +

**₹8,091.00**

ADD TO CART

Qty 1-5

₹8,091.00

Qty 6+

₹6,482.00

Volume Pricing

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**Diameter (mm):**  
18.00 +0.0/-0.025

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

|                                                                                |
|--------------------------------------------------------------------------------|
| 30.00                                                                          |
| <b>Focal Length Tolerance (%)</b> :<br>±1                                      |
| <b>Back Focal Length BFL (mm)</b> :<br>24.97                                   |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>587.6                   |
| <b>Clear Aperture CA (mm)</b> :<br>17.00                                       |
| <b>Centering (arcmin)</b> :<br><1                                              |
| <b>Center Thickness CT (mm)</b> :<br>8.91 ±0.20                                |
| <b>Center Thickness CT 1 (mm)</b> :<br>6.91 ±0.10                              |
| <b>Center Thickness CT 2 (mm)</b> :<br>2.00 ±0.10                              |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>20.73                                    |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-14.31                                   |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-133.58                                  |
| <b>Edge Thickness ET (mm)</b> :<br>6.55                                        |
| <b>Substrate:</b> <input type="checkbox"/><br><a href="#">N-BAF10 / N-SF10</a> |
| <b>Surface Quality</b> :<br>40-20                                              |
| <b>f/#</b> :<br>1.67                                                           |
| <b>Numerical Aperture NA</b> :<br>0.30                                         |
| <b>Coating</b> :<br>MgF <sub>2</sub> (400-700nm)                               |
| <b>Coating Specification</b> :<br>R <sub>avg</sub> ≤1.75% @400 - 700nm         |
| <b>Power (P-V) @ 632.8nm</b> :<br>1.5λ                                         |
| <b>Irregularity (P-V) @ 632.8nm</b> :<br>λ/4                                   |
| <b>Bevel</b> :<br>Protective bevel as needed                                   |
| <b>Type</b> :<br>Achromatic Lens                                               |
| <b>Wavelength Range (nm)</b> :<br>400 - 700                                    |

### Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 224:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |