

**TECHSPEC® 20mm Dia. x 20mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens**



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



Stock **#65-552** ☒ In Stock

1

**C\$186.20**

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**Diameter (mm):**  
20.00 +0.0/-0.025

**Effective Focal Length EFL (mm):**  
20.00

|                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Focal Length Tolerance (%)</b> :<br>±1                                                                                                                   |
| <b>Back Focal Length BFL (mm)</b> :<br>11.73                                                                                                                |
| <b>Focal Length Specification Wavelength (nm)</b> :<br>587.6                                                                                                |
| <b>Clear Aperture CA (mm)</b> :<br>19.00                                                                                                                    |
| <b>Centering (arcmin)</b> :<br><1                                                                                                                           |
| <b>Center Thickness CT (mm)</b> :<br>16.57 ±0.20                                                                                                            |
| <b>Center Thickness CT 1 (mm)</b> :<br>12.57 ±0.10                                                                                                          |
| <b>Center Thickness CT 2 (mm)</b> :<br>4.00 ±0.10                                                                                                           |
| <b>Radius R<sub>1</sub> (mm)</b> :<br>15.13                                                                                                                 |
| <b>Radius R<sub>2</sub> (mm)</b> :<br>-11.18                                                                                                                |
| <b>Radius R<sub>3</sub> (mm)</b> :<br>-33.15                                                                                                                |
| <b>Edge Thickness ET (mm)</b> :<br>11.25                                                                                                                    |
| <b>Substrate</b> : <br><a href="#">N-BASF64</a> / <a href="#">N-SF66</a> |
| <b>Surface Quality</b> :<br>40-20                                                                                                                           |
| <b>f/#</b> :<br>1.00                                                                                                                                        |
| <b>Numerical Aperture NA</b> :<br>0.50                                                                                                                      |
| <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> |