

**TECHSPEC® 3mm FL f/8.0 IR-Cut Rugged Blue Series M12 Lens**



3mm FL Rugged Blue Series M12 Lens



Stock **#20-062** 3-4 DAYS



1



**£85.00**

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Qty 1+

£85.00

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**Length (mm):**  
16.10

**Maximum Diameter (mm):**  
14

**Horizontal Field of View, 1/3" Sensor:**  
91.2°

**Maximum Image Circle (mm):**

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 6.00                                                                                                 |
| <b>Numerical Aperture NA, Object Side:</b><br>0.002                                                  |
| <b>Number of Elements (Groups):</b><br>6(5)                                                          |
| <b>Wavelength Range (nm):</b><br>400 - 700                                                           |
| <b>Type:</b><br>M12 Imaging Lens                                                                     |
| <b>Focal Length FL (mm):</b><br>3.00                                                                 |
| <b>Primary Magnification PMAG:</b><br>0.029X                                                         |
| <b>Maximum Sensor Format:</b><br>1/3"                                                                |
| <b>Working Distance (mm):</b><br>100 - ∞                                                             |
| <b>Mount:</b><br>M12 x0.5 (S-Mount)                                                                  |
| <b>Aperture (f/#):</b><br>f/8                                                                        |
| <b>Distortion (%):</b><br>34.76 @ Full Field                                                         |
| <b>Back Focal Length BFL (mm):</b><br>4.8 - 4.7                                                      |
| <b>Coating Specification:</b><br>λ/4 MgF <sub>2</sub> @ 550nm                                        |
| <b>Entrance Pupil Position (mm):</b><br>4.90                                                         |
| <b>Object Space Principal Plane (mm):</b><br>-6.55                                                   |
| <b>Image Space Principal Plane (mm):</b><br>2.46                                                     |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 91.2°<br>Vertical: 68.5°<br>Diagonal: 113° |
| <b>IR Cut Filter:</b><br>Yes                                                                         |
| <b>Exit Pupil Position (mm):</b><br>-3.23                                                            |
| <b>Lens Wavelength Range:</b><br>VIS (IR-Cut Filter)                                                 |

## Regulatory Compliance

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