

TECHSPEC®

6mm FL f/8, Blue Series M12 Lens



6mm FL Blue Series M12 Lens



Stock #38-014 

3-4 DAYS

-

1

+

£85.00

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Length (mm):  
14.50

Maximum Diameter (mm):  
14

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Outer Diameter (mm):</b><br>14                                                                                                |
| <b>Weight (g):</b><br>4                                                                                                          |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>134.9mm - 48.0°                                                                 |
| <b>Maximum Image Circle (mm):</b><br>6.00                                                                                        |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0024                                                                             |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>134.9mm - 48.0°                                                          |
| <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>6.00                                                                                             |
| <b>Primary Magnification PMAG:</b><br>0.038X                                                                                     |
| <b>Maximum Sensor Format:</b><br>1/3"                                                                                            |
| <b>Working Distance (mm):</b><br>150 - ∞                                                                                         |
| <b>Mount:</b><br>M12 x 0.5 (S-Mount)                                                                                             |
| <b>Aperture (f#):</b><br>f/8.0                                                                                                   |
| <b>Distortion (%):</b><br>-12.17 @ Full Field                                                                                    |
| <b>Back Focal Length BFL (mm):</b><br>6.9 - 6.8                                                                                  |
| <b>Coating Specification:</b><br>λ/4 MgF <sub>2</sub> @ 550nm                                                                    |
| <b>Entrance Pupil Position (mm):</b><br>3.12                                                                                     |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>97.7mm - 35.7°                                                                  |
| <b>Object Space Principal Plane (mm):</b><br>6.98                                                                                |
| <b>Image Space Principal Plane (mm):</b><br>2.31                                                                                 |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 135mm - 47.9°<br>Vertical: 97.8mm - 35.6°<br>Diagonal: 177.3mm - 60.7° |
| <b>IR Cut Filter:</b><br>No                                                                                                      |
| <b>Exit Pupil Position (mm):</b><br>-9.11                                                                                        |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                             |
| <b>Imaging Lens Type:</b><br>High Performance M12 Lens                                                                           |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>Reach 223:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |