

**TECHSPEC® 100mm C Series Fixed Focal Length Lens**



100mm Focal Length, #86-410



Stock **#86-410** ☐ In Stock



1



**C\$756.00**

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**Iris Option:**  
Variable

**Length (mm):**  
92.10

**Horizontal Field of View, 1/2" Sensor:**  
3.6°

**Horizontal Field of View, 2/3" Sensor:**  
5.0°

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| <b>Filter Thread:</b><br>M46 x0.75 (Female)                                                                                  |
| <b>Maximum Diameter (mm):</b><br>52                                                                                          |
| <b>Outer Diameter (mm):</b><br>52.00                                                                                         |
| <b>Weight (g):</b><br>257                                                                                                    |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>2.7°                                                                        |
| <b>Maximum Rear Protrusion (mm):</b><br>7                                                                                    |
| <b>Horizontal Field of View, 1" Sensor:</b><br>7.2°                                                                          |
| <b>Maximum Image Circle (mm):</b><br>21.60                                                                                   |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0228                                                                         |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>9.7°                                                                 |
| <b>Horizontal Field of View, 4/3" Sensor:</b><br>9.8°                                                                        |
| <b>Horizontal Field of View, 1.1" Sensor:</b><br>8.0°                                                                        |
| <b>Number of Elements (Groups):</b><br>7 (6)                                                                                 |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>4.1°                                                                      |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>3.3°                                                                      |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                      |
| <b>Focal Length FL (mm):</b><br>100.00                                                                                       |
| <b>Primary Magnification PMAG:</b><br>0.16                                                                                   |
| <b>Maximum Sensor Format:</b><br>4/3"                                                                                        |
| <b>Working Distance (mm):</b><br>750 - ∞                                                                                     |
| <b>Mount:</b><br>C-Mount                                                                                                     |
| <b>Aperture (f/#):</b><br>f/2.8 - f/22                                                                                       |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                          |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                            |
| <b>Entrance Pupil Position (mm):</b><br>31.42                                                                                |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>2.0°                                                                        |
| <b>Object Space Principal Plane (mm):</b><br>-25.65                                                                          |
| <b>Image Space Principal Plane (mm):</b><br>-86.83                                                                           |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 9.8°<br>Vertical: 7.4°<br>Diagonal: 12.1°                          |
| <b>Maximum Distortion (%):</b><br>1.6                                                                                        |
| <b>Exit Pupil Position (mm):</b><br>-50.5                                                                                    |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                         |
| <b>Imaging Lens Type:</b><br>Compact Lens                                                                                    |
| <b>Storage Temperature (°C):</b><br>-20 to +60 For questions regarding operating temperature please contact our support team |

Regulatory Compliance

RoHS 2015:  
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Certificate of Conformance:  
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