

**TECHSPEC® 12mm, f/8 Cw Series Fixed Focal Length Lens**



12mm Focal Length



Stock **#15-635** 3-5 DAYS

- 1 +

**A\$339.00**

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**Iris Option:**  
Fixed

**Horizontal Field of View, 1/2" Sensor:**  
30.2°

**Horizontal Field of View, 2/3" Sensor:**  
41.0°

**Filter Thread:**  
M30.5 x 0.50 (Female)

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>22.8°                                                                       |
| <b>Maximum Rear Protrusion (mm):</b><br>0.6                                                                                  |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                   |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0059                                                                         |
| <b>Number of Elements (Groups):</b><br>7 (7)                                                                                 |
| <b>Note:</b><br>C-Mount compatible with O-ring 25mm ID x2mm                                                                  |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>33.8°                                                                     |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>27.4°                                                                     |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                      |
| <b>Focal Length FL (mm):</b><br>12.00                                                                                        |
| <b>Primary Magnification PMAG:</b><br>0.1X                                                                                   |
| <b>Maximum Sensor Format:</b><br>2/3"                                                                                        |
| <b>Working Distance (mm):</b><br>100 - ∞                                                                                     |
| <b>Mount:</b><br>C-Mount                                                                                                     |
| <b>Aperture (f/#):</b><br>f/8                                                                                                |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                            |
| <b>Entrance Pupil Position (mm):</b><br>17.6208                                                                              |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>17.1°                                                                       |
| <b>Object Space Principal Plane (mm):</b><br>23.93                                                                           |
| <b>Image Space Principal Plane (mm):</b><br>1.98                                                                             |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 41.0°<br>Vertical: 31.3°<br>Diagonal: 50.5°                        |
| <b>Maximum Distortion (%):</b><br>2.11                                                                                       |
| <b>Exit Pupil Position (mm):</b><br>-11.3801                                                                                 |
| <b>Environmental Rating:</b><br>IPX7 and IPX9K                                                                               |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                         |
| <b>Storage Temperature (°C):</b><br>-20 to +60 For questions regarding operating temperature please contact our support team |

Regulatory Compliance

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