

TECHSPEC® 12mm C Series Fixed Focal Length Lens



12mm Focal Length, #58-001



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1

**S\$282.00**

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**Iris Option:**  
Variable

**Length (mm):**  
27.90

**Horizontal Field of View, 1/2" Sensor:**  
30.5°

**Horizontal Field of View, 2/3" Sensor:**  
41.4°

|                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------|
| <b>Filter Thread:</b><br>M25.5 x0.50 (Female)                                                                                |
| <b>Maximum Diameter (mm):</b><br>32                                                                                          |
| <b>Outer Diameter (mm):</b><br>32.0                                                                                          |
| <b>Weight (g):</b><br>54                                                                                                     |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>23.0°                                                                       |
| <b>Maximum Rear Protrusion (mm):</b><br>0.5                                                                                  |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                   |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0285                                                                         |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>41.2°                                                                |
| <b>Number of Elements (Groups):</b><br>7 (7)                                                                                 |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>34.2°                                                                     |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>27.7°                                                                     |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                      |
| <b>Focal Length FL (mm):</b><br>12.00                                                                                        |
| <b>Primary Magnification PMAG:</b><br>0.108                                                                                  |
| <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/1.8 - f/16                                                                                       |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                          |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                            |
| <b>Entrance Pupil Position (mm):</b><br>11.01                                                                                |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>17.3°                                                                       |
| <b>Object Space Principal Plane (mm):</b><br>17.20                                                                           |
| <b>Image Space Principal Plane (mm):</b><br>2.05                                                                             |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 41.4°<br>Vertical: 31.4°<br>Diagonal: 50.8°                        |
| <b>Maximum Distortion (%):</b><br>-2.2                                                                                       |
| <b>Exit Pupil Position (mm):</b><br>-10.84                                                                                   |
| <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

|                                                            |
|------------------------------------------------------------|
| <b>RoHS 2015:</b><br><a href="#">Compliant</a>             |
| <b>REACH 201:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |

