

**TECHSPEC® 12mm, 1000mm-∞ Primary WD, HR Series Fixed Focal Length Lens**



12mm Focal Length



Stock **#63-779** ☐ In Stock



1



**C\$1,190.00**

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**Iris Option:**  
Variable

**Length (mm):**  
45.94

**Horizontal Field of View, 1/2" Sensor:**  
67.3mm - 30.9°

**Horizontal Field of View, 2/3" Sensor:**  
93.7mm - 42°

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Filter Thread:</b><br>M30.5 x0.50 (Female)                                                                                   |
| <b>Maximum Diameter (mm):</b><br>36                                                                                             |
| <b>Weight (g):</b><br>103                                                                                                       |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>50.2mm - 23.3°                                                                 |
| <b>Maximum Rear Protrusion (mm):</b><br>0                                                                                       |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                      |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0263                                                                            |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>93.7mm - 42°                                                            |
| <b>Number of Elements (Groups):</b><br>10 (6)                                                                                   |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>76mm - 34.7°                                                                 |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>60.8mm - 28.1°                                                               |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                         |
| <b>Focal Length FL (mm):</b><br>12.00                                                                                           |
| <b>Primary Magnification PMAG:</b><br>0.097                                                                                     |
| <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>17.67                                                                                   |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>37.5mm - 17.5°                                                                 |
| <b>Object Space Principal Plane (mm):</b><br>26.32                                                                              |
| <b>Image Space Principal Plane (mm):</b><br>2.81                                                                                |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 92.8mm - 42°<br>Vertical: 68.8mm - 31.9°<br>Diagonal: 117.6mm - 51.8° |
| <b>Maximum Distortion (%):</b><br>-3.28                                                                                         |
| <b>Exit Pupil Position (mm):</b><br>-30.17                                                                                      |
| <b>Optimized Working Distance (mm):</b><br>1000 - ∞                                                                             |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                            |
| <b>Imaging Lens Type:</b><br>High Performance 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 209:</b><br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |

