

**TECHSPEC® 12mm f/2.8, 150-500mm Primary WD, HRr Series Fixed Focal Length Lens**



12mm, 150-500mm PrimaryWD, HRr Series Fixed Focal Length Lens



Stock **#36-849** ☐ In Stock



1



**C\$1,428.00**

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**Iris Option:**  
Fixed

**Length (mm):**  
39.20

**Horizontal Field of View, 1/2" Sensor:**  
63.1mm - 30.2°

**Horizontal Field of View, 2/3" Sensor:**  
87.7mm - 41.1°

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Filter Thread:</b><br>M30.5 x0.50 (Female)                                                                                   |
| <b>Maximum Diameter (mm):</b><br>33                                                                                             |
| <b>Weight (g):</b><br>77                                                                                                        |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>47.0mm - 22.8°                                                                 |
| <b>Maximum Rear Protrusion (mm):</b><br>1.63                                                                                    |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                      |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0179                                                                            |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>87.7mm - 41.1°                                                          |
| <b>Number of Elements (Groups):</b><br>10 (6)                                                                                   |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>71.2mm - 33.9°                                                               |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>57.0mm - 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>0.103                                                                                     |
| <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/2.8                                                                                                 |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                             |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                               |
| <b>Entrance Pupil Position (mm):</b><br>17.46                                                                                   |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>35.2mm - 17.1°                                                                 |
| <b>Object Space Principal Plane (mm):</b><br>26.28                                                                              |
| <b>Image Space Principal Plane (mm):</b><br>2.98                                                                                |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 87.7mm - 41.1°<br>Vertical: 65.1mm - 31.2°<br>Diagonal: 111mm - 50.7° |
| <b>Maximum Distortion (%):</b><br>-3.15                                                                                         |
| <b>Exit Pupil Position (mm):</b><br>-30.39                                                                                      |
| <b>Optimized Working Distance (mm):</b><br>150 - 500                                                                            |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                            |
| <b>Imaging Lens Type:</b><br>High Performance Lens, Ruggedized to Withstand 50g of Shock                                        |
| <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> |

