

TECHSPEC®

12mm f/8, 1000mm-∞ Primary WD, HRi Series Fixed Focal Length Lens



12mm FL HPI Series Fixed Focal Length Lens



Stock **#36-768** ☐ In Stock



1



C\$1,169.00

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Iris Option:

Fixed

Length (mm):

39.20

Horizontal Field of View, 1/2" Sensor:

64.8mm - 30.9°

Horizontal Field of View, 2/3" Sensor:

90.2mm - 42.0°

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Filter Thread:</b><br>M30.5 x0.50 (Female)                                                                                   |
| <b>Maximum Diameter (mm):</b><br>33                                                                                             |
| <b>Weight (g):</b><br>57                                                                                                        |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>48.3mm - 23.3°                                                                 |
| <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>0.0061                                                                            |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>90.2mm - 42.0°                                                          |
| <b>Number of Elements (Groups):</b><br>10 (6)                                                                                   |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>73.1mm - 34.7°                                                               |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>58.6mm - 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>0.1                                                                                       |
| <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:</b><br>425 - 675nm BBAR                                                                                             |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                               |
| <b>Entrance Pupil Position (mm):</b><br>17.6                                                                                    |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>36.1mm - 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: 90.1mm - 42°<br>Vertical: 66.8mm - 31.9°<br>Diagonal: 114.2mm - 51.8° |
| <b>Maximum Distortion (%):</b><br>-3.28                                                                                         |
| <b>Exit Pupil Position (mm):</b><br>-31.25                                                                                      |
| <b>Optimized Working Distance (mm):</b><br>1000 - ∞                                                                             |
| <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> |