

TECHSPEC® 12mm, f/1.8 UCi Series Fixed Focal Length Lens



12mm UCi Series Fixed Focal Length Lens



Stock #33-876 3-5 DAYS

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A\$341.00

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Iris Option:  
Fixed

Length (mm):  
38.00

Horizontal Field of View, 1/2" Sensor:  
61.2mm - 30.3°

Filter Thread:  
M22 x0.75 (Male)

|                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Maximum Diameter (mm):</b><br>22                                                                                            |
| <b>Outer Diameter (mm):</b><br>22                                                                                              |
| <b>Weight (g):</b><br>18                                                                                                       |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>45.5mm - 22.8°                                                                |
| <b>Maximum Rear Protrusion (mm):</b><br>0                                                                                      |
| <b>Maximum Image Circle (mm):</b><br>9.00                                                                                      |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0284                                                                           |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>69.2mm - 34.0°                                                         |
| <b>Number of Elements (Groups):</b><br>7 (6)                                                                                   |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>69.2mm - 34.0°                                                              |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>55.3mm - 27.5°                                                              |
| <b>Optimized Sensor Format:</b><br>1/2.5"                                                                                      |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                        |
| <b>Focal Length FL (mm):</b><br>12.00                                                                                          |
| <b>Primary Magnification PMAG:</b><br>0.107                                                                                    |
| <b>Maximum Sensor Format:</b><br>1/1.8"                                                                                        |
| <b>Working Distance (mm):</b><br>100 - ∞                                                                                       |
| <b>Mount:</b><br>M12 x 0.5 (S-Mbunt)                                                                                           |
| <b>Aperture (f#):</b><br>f/1.8                                                                                                 |
| <b>Coating:</b><br>λ/4 MgF <sub>2</sub>                                                                                        |
| <b>Coating Specification:</b><br>λ/4 MgF <sub>2</sub>                                                                          |
| <b>Entrance Pupil Position (mm):</b><br>15.92                                                                                  |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>34.0mm - 17.1°                                                                |
| <b>Object Space Principal Plane (mm):</b><br>23.03                                                                             |
| <b>Image Space Principal Plane (mm):</b><br>-1.82                                                                              |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 69.2mm - 34°<br>Vertical: 51.4mm - 25.6°<br>Diagonal: 87.6mm - 42.2° |
| <b>Maximum Distortion (%):</b><br>-3.03                                                                                        |
| <b>Exit Pupil Position (mm):</b><br>-19.24                                                                                     |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                           |
| <b>Imaging Lens Type:</b><br>High Performance Lens with Compact Form Factor and Fixed Aperture                                 |
| <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> |

