

**TECHSPEC® 16mm, f/1.8 UCi Series Fixed Focal Length Lens**



16mm UCi Series Fixed Focal Length Lens



Stock **#33-883** [CONTACT US](#)

⊖ 1 ⊕

**£199.75**

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£199.75

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**Iris Option:**  
Fixed

**Length (mm):**  
26.70

**Horizontal Field of View, 1/2" Sensor:**  
83.2mm - 22.5°

**Filter Thread:**

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| M18 x 0.50 (Male)                                                                                                               |
| <b>Maximum Diameter (mm):</b><br>18                                                                                             |
| <b>Outer Diameter (mm):</b><br>25.00                                                                                            |
| <b>Weight (g):</b><br>13                                                                                                        |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>62.4mm - 17.0°                                                                 |
| <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>0.0207                                                                            |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>98.5mm - 25.3°                                                          |
| <b>Number of Elements (Groups):</b><br>7 (5)                                                                                    |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>93.6mm - 25.3°                                                               |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>75.4mm - 20.5°                                                               |
| <b>Optimized Sensor Format:</b><br>1/2.5"                                                                                       |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                         |
| <b>Focal Length FL (mm):</b><br>16.00                                                                                           |
| <b>Primary Magnification PMAG:</b><br>0.077                                                                                     |
| <b>Maximum Sensor Format:</b><br>1/1.8"                                                                                         |
| <b>Working Distance (mm):</b><br>200 - ∞                                                                                        |
| <b>Mount:</b><br>M12 x 0.5 (S-Mount)                                                                                            |
| <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>10.68                                                                                   |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>46.8mm - 12.8°                                                                 |
| <b>Object Space Principal Plane (mm):</b><br>20.18                                                                              |
| <b>Image Space Principal Plane (mm):</b><br>-6.67                                                                               |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 93.6mm - 25.3°<br>Vertical: 70.2mm - 19.1°<br>Diagonal: 117mm - 31.3° |
| <b>Maximum Distortion (%):</b><br>-0.53                                                                                         |
| <b>Maximum Length (mm):</b><br>25.5                                                                                             |
| <b>Exit Pupil Position (mm):</b><br>-29.94                                                                                      |
| <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>Compliant          |
| <b>Certificate of Conformance:</b> |

