

TECHSPEC<sup>®</sup> 6mm C VIS-NIR Series Fixed Focal Length Lens



6mm C Series VIS-NIR Fixed Focal Length Lens, #39-939

Stock #39-939 7 DAYS

-

1

+

₹32,364.00

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Iris Option:  
Variable

Length (mm):  
48.90

Horizontal Field of View, 1/2" Sensor:  
96.7mm - 55.9°

Filter Thread:  
M43 x 0.50 with required adapter [#85-308](#)

Maximum Diameter (mm):  
36

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Outer Diameter (mm):</b><br>36.0                                                                                              |
| <b>Weight (g):</b><br>102                                                                                                        |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>71.0mm - 42.7°                                                                  |
| <b>Maximum Rear Protrusion (mm):</b><br>1.13                                                                                     |
| <b>Maximum Image Circle (mm):</b><br>9.00                                                                                        |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0247                                                                             |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>109.8mm - 62.1°                                                          |
| <b>Number of Elements (Groups):</b><br>9 (7)                                                                                     |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>110.3mm - 62.1°                                                               |
| <b>Front Thread:</b><br>M34 x0.5 (Female)                                                                                        |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>85.42mm - 50.2°                                                               |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                          |
| <b>Focal Length FL (mm):</b><br>6.00                                                                                             |
| <b>Primary Magnification PMAG:</b><br>0.07                                                                                       |
| <b>Maximum Sensor Format:</b><br>1/1.8"                                                                                          |
| <b>Working Distance (mm):</b><br>75 - ∞                                                                                          |
| <b>Mount:</b><br>C-Mount                                                                                                         |
| <b>Aperture (f/#):</b><br>f/1.4 - f/16                                                                                           |
| <b>Coating:</b><br>425 - 1000nm BBAR                                                                                             |
| <b>Coating Specification:</b><br>425 - 1000nm BBAR                                                                               |
| <b>Entrance Pupil Position (mm):</b><br>16                                                                                       |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>52.68mm - 32.4°                                                                 |
| <b>Object Space Principal Plane (mm):</b><br>21.35                                                                               |
| <b>Image Space Principal Plane (mm):</b><br>6.60                                                                                 |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 109.8mm - 62.1°<br>Vertical: 80.2mm - 47.7°<br>Diagonal: 141.7mm - 75° |
| <b>Maximum Distortion (%):</b><br>-6.84                                                                                          |
| <b>Exit Pupil Position (mm):</b><br>-28.78                                                                                       |
| <b>Lens Wavelength Range:</b><br>VIS-NIR                                                                                         |
| <b>Imaging Lens Type:</b><br>Compact Lens Coated for Visible to Near Infared                                                     |
| <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> |