

TECHSPEC<sup>®</sup> 3.5mm C VIS-NIR Series Fixed Focal Length Lens



3.5mm C Series VIS-NIR Fixed Focal Length Lens, #39-937

Stock #39-937 3-5 DAYS

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1

+

S\$596.00

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Iris Option:  
Variable

Length (mm):  
45.20

Horizontal Field of View, 1/2" Sensor:  
34.1mm - 94.1°

Filter Thread:  
M105 x 1.00 with required adapter [#89-848](#)

Maximum Diameter (mm):  
50

|                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Outer Diameter (mm):</b><br>50.0                                                                                              |
| <b>Weight (g):</b><br>110                                                                                                        |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>23.0mm - 74.4°                                                                  |
| <b>Maximum Rear Protrusion (mm):</b><br>2.72                                                                                     |
| <b>Maximum Image Circle (mm):</b><br>9.00                                                                                        |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0572                                                                             |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>41.2mm - 102.4°                                                          |
| <b>Number of Elements (Groups):</b><br>8 (7)                                                                                     |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>41.2mm - 102.8°                                                               |
| <b>Front Thread:</b><br>M50 x0.5 (Male)                                                                                          |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>29.5mm - 87.2°                                                                |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                          |
| <b>Focal Length FL (mm):</b><br>3.50                                                                                             |
| <b>Primary Magnification PMAG:</b><br>0.236                                                                                      |
| <b>Maximum Sensor Format:</b><br>1/1.8"                                                                                          |
| <b>Working Distance (mm):</b><br>0 - ∞                                                                                           |
| <b>Mount:</b><br>C-Mount                                                                                                         |
| <b>Aperture (f/#):</b><br>f/2 - f/11                                                                                             |
| <b>Coating:</b><br>425 - 1000nm BBAR                                                                                             |
| <b>Coating Specification:</b><br>425 - 1000nm BBAR                                                                               |
| <b>Entrance Pupil Position (mm):</b><br>15.27                                                                                    |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>16.3mm - 57.4°                                                                  |
| <b>Object Space Principal Plane (mm):</b><br>18.31                                                                               |
| <b>Image Space Principal Plane (mm):</b><br>7.49                                                                                 |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 41.2mm - 102.4°<br>Vertical: 26.8mm - 82.3°<br>Diagonal: 63.6mm - 117° |
| <b>Maximum Distortion (%):</b><br>-20.95                                                                                         |
| <b>Exit Pupil Position (mm):</b><br>-15.28                                                                                       |
| <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> |