

TECHSPEC® 50mm Cx Series Fixed Focal Length Lens



50mm Cx Series Fixed Focal Length Lens, #33-566

Stock #33-566 3-4 DAYS



1



€330,00

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Qty 1+

€330,00

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**Note:** This item requires accessories for use | [Learn More](#)

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**Iris Option:**  
Fixed

**Length (mm):**  
54.70

**Horizontal Field of View, 1/2" Sensor:**  
37.2mm - 7.1°

**Horizontal Field of View, 2/3" Sensor:**  
51.2mm - 9.8°

|                                                                                                                                                                                                                                                                                                                                        |
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| <b>Filter Thread:</b><br>M25.5 x0.50 with adapter <a href="#">#89-941</a>                                                                                                                                                                                                                                                              |
| <b>Maximum Diameter (mm):</b><br>30.5                                                                                                                                                                                                                                                                                                  |
| <b>Outer Diameter (mm):</b><br>30.5                                                                                                                                                                                                                                                                                                    |
| <b>Weight (g):</b><br>72                                                                                                                                                                                                                                                                                                               |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>27.9mm - 5.4°                                                                                                                                                                                                                                                                         |
| <b>Maximum Rear Protrusion (mm):</b><br>0                                                                                                                                                                                                                                                                                              |
| <b>Maximum Image Circle (mm):</b><br>11.00                                                                                                                                                                                                                                                                                             |
| <b>Numerical Aperture NA, Object Side:</b><br>0.037                                                                                                                                                                                                                                                                                    |
| <b>Number of Elements (Groups):</b><br>6 (4)                                                                                                                                                                                                                                                                                           |
| <b>Note:</b><br>Cx Lens Accessory required for use. All field of view and working distance values listed assume a Cx Lens Aperture Accessory has been integrated. Cx Lens Accessory is not included and must be purchased separately. Working distance is 325-3000mm when used with a filter and 250mm-∞ when used with a liquid lens. |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                                                                                                                                                                                                                                |
| <b>Focal Length FL (mm):</b><br>50.00                                                                                                                                                                                                                                                                                                  |
| <b>Primary Magnification PMAG:</b><br>0.171                                                                                                                                                                                                                                                                                            |
| <b>Maximum Sensor Format:</b><br>2/3"                                                                                                                                                                                                                                                                                                  |
| <b>Working Distance (mm):</b><br>300 - 1,675                                                                                                                                                                                                                                                                                           |
| <b>Mount:</b><br>C-Mount                                                                                                                                                                                                                                                                                                               |
| <b>Aperture (f/#):</b><br>Accessory Dependent                                                                                                                                                                                                                                                                                          |
| <b>Coating:</b><br>425 - 675nm BBAR                                                                                                                                                                                                                                                                                                    |
| <b>Coating Specification:</b><br>425 - 675nm BBAR                                                                                                                                                                                                                                                                                      |
| <b>Entrance Pupil Position (mm):</b><br>35.25                                                                                                                                                                                                                                                                                          |
| <b>Object Space Principal Plane (mm):</b><br>39.90                                                                                                                                                                                                                                                                                     |
| <b>Image Space Principal Plane (mm):</b><br>-36.27                                                                                                                                                                                                                                                                                     |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 51.5mm - 9.9°<br>Vertical: 38.6mm - 7.4°<br>Diagonal: 64.5mm - 12.3°                                                                                                                                                                                                         |
| <b>Maximum Distortion (%):</b><br>0.12                                                                                                                                                                                                                                                                                                 |
| <b>Exit Pupil Position (mm):</b><br>-41.4                                                                                                                                                                                                                                                                                              |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                                                                                                                                                                                                                                   |
| <b>Imaging Lens Type:</b><br>Adaptable Lens with Interchangeable Apertures, Filters and Liquid Lens                                                                                                                                                                                                                                    |
| <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> |