

**TECHSPEC® 50mm Focal Length, LF Series Fixed Focal Length Lens**



50mm Focal Length, #85-203

Stock **#85-203** 3-4 DAYS



1



€1.020,00

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**Iris Option:**  
Variable

**Length (mm):**  
43.00

**Horizontal Field of View, 1/2" Sensor:**  
63.6mm - 7.3°

**Horizontal Field of View, 2/3" Sensor:**  
87.5mm - 10.1°

**Filter Thread:**

|                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------|
| M43 x0.75 (Female)                                                                                                                  |
| <b>Maximum Diameter (mm):</b><br>56                                                                                                 |
| <b>Weight (g):</b><br>223                                                                                                           |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>47.7mm - 5.5°                                                                      |
| <b>Maximum Rear Protrusion (mm):</b><br>10.6                                                                                        |
| <b>Horizontal Field of View, 1" Sensor:</b><br>127.4mm - 14.6°                                                                      |
| <b>Maximum Image Circle (mm):</b><br>43.30                                                                                          |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0238                                                                                |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>362.7mm - 39.9°                                                             |
| <b>Horizontal Field of View, 35mm Sensor:</b><br>362.7mm - 39.9°                                                                    |
| <b>Horizontal Field of View, 4/3" Sensor:</b><br>223.8mm - 25.3°                                                                    |
| <b>Horizontal Field of View, 1.1" Sensor:</b><br>141.4mm - 16.2°                                                                    |
| <b>Number of Elements (Groups):</b><br>7 (5)                                                                                        |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>71.6mm - 8.2°                                                                    |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>57.6mm - 6.6°                                                                    |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                             |
| <b>Focal Length FL (mm):</b><br>50.00                                                                                               |
| <b>Primary Magnification PMAQ:</b><br>0.101                                                                                         |
| <b>Maximum Sensor Format:</b><br>35mm                                                                                               |
| <b>Working Distance (mm):</b><br>500 - ∞                                                                                            |
| <b>Mount:</b><br>F-Mount                                                                                                            |
| <b>Aperture (f/#):</b><br>f/2 - f/22                                                                                                |
| <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>21.93                                                                                       |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>35.8mm - 4.1°                                                                      |
| <b>Object Space Principal Plane (mm):</b><br>43.06                                                                                  |
| <b>Image Space Principal Plane (mm):</b><br>-12.94                                                                                  |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 348.7mm - 38.5°<br>Vertical: 260.1mm - 29.3°<br>Diagonal: 438.7mm - 47.2° |
| <b>Maximum Distortion (%):</b><br>-0.84                                                                                             |
| <b>Horizontal Field of View, APS-H Sensor:</b><br>292.9mm - 32.7°                                                                   |
| <b>Horizontal Field of View, APS-C Sensor:</b><br>223.8mm - 25.3°                                                                   |
| <b>Exit Pupil Position (mm):</b><br>-49.53                                                                                          |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                                |
| <b>Imaging Lens Type:</b><br>Lens for Large Format Sensors                                                                          |
| <b>Storage Temperature (°C):</b><br>-20 to +60 For questions regarding operating temperature please contact our support team        |

Regulatory Compliance

RoHS 2015:  
[Compliant](#)

Certificate of Conformance:  
[View](#)

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