

# 50mm FL F-Mount Lens for 46mm Sensors



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€2.043<sup>00</sup>

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General

- 46mm Large Format F-Mount Lenses

Series:
- Fixed Focal Length Lens

Type:

Physical & Mechanical Properties

- Variable

Iris Option:
- Length (mm):

|        |                        |
|--------|------------------------|
| 77.00  |                        |
| 54.0   | Maximum Diameter (mm): |
| 54     | Outer Diameter (mm):   |
| 460.00 | Weight (g):            |

| Optical Properties |                                            |
|--------------------|--------------------------------------------|
| 169.00             | Field of View @ Min Working Distance (mm): |
| 38.6°              | Horizontal Field of View, 35mm Sensor:     |
| 43.30              | Maximum Image Circle (mm):                 |
| 50.00              | Focal Length FL (mm):                      |
| 260 - ∞            | Working Distance (mm):                     |
| f/2.8 - f/22       | Aperture (f/#):                            |
| <-0.1              | Distortion (%):                            |
| -0.04              | Maximum Distortion (%):                    |
| VIS                | Lens Wavelength Range:                     |

| Sensor                     |                        |
|----------------------------|------------------------|
| 35mm (43.3mm Image Circle) | Maximum Sensor Format: |
| 7.50                       | Pixel Size (µm):       |

| Threading & Mounting |                |
|----------------------|----------------|
| M52 x 0.75           | Filter Thread: |
| F-Mount              | Mount:         |

| Regulatory Compliance            |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <a href="#">View</a>             | Certificate of Conformance: |
| <a href="#">Contains SVHC(s)</a> | Reach 240:                  |

## Product Details

- Full Frame, 35mm (Covers 46mm Image Circle), F-Mount Lens
  - Optimized for Short Working Distances for Machine Vision Applications
  - 28mm to 50mm Focal Length
- Optimized for short working distances, 46mm Large Format F-Mount Lenses are designed to be compatible with 35mm (full frame) sensors. Featuring low distortion and a lockable focus and iris, 46mm Large Format F-Mount Lenses are ideal for 4k line scan cameras in a range of machine vision applications.