

50mm FL F-Mount Lens for 46mm Sensors



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General

Product Family:
46mm Large Format F-Mount Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

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

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **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.