

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 x0.75	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.