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## 8mm FL Compact Fixed Focal Length Lens



Fixed Focal Length Lenses

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### General

**Product Family:**  
Compact Fixed Focal Length Lenses

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

**Length (mm):**  
27.00

30.5	<b>Maximum Diameter (mm):</b>
30.5	<b>Outer Diameter (mm):</b>
48.00	<b>Weight (g):</b>
2.2	<b>Maximum Rear Protrusion (mm):</b>

## Optical Properties

208.00	<b>Field of View @ Min Working Distance (mm):</b>
43.6°	<b>Horizontal Field of View, 1/2" Sensor:</b>
11.00	<b>Maximum Image Circle (mm):</b>
8.00	<b>Focal Length FL (mm):</b>
260 - ∞	<b>Working Distance (mm):</b>
f/1.4 - f/16	<b>Aperture (f#):</b>
VS	<b>Lens Wavelength Range:</b>

## Sensor

2/3"	<b>Maximum Sensor Format:</b>
6.20	<b>Pixel Size (µm):</b>

## Threading & Mounting

M25.5 x 0.50	<b>Filter Thread:</b>
C-Mount	<b>Mount:</b>

## Regulatory Compliance

<a href="#">Compliant</a>	<b>Reach 174:</b>
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## Product Details

- Up to 2/3", C-Mount Lens
- Compact Size and Great Price to Performance Ratio
- 3.5mm to 75mm Focal Length

Fixed Focal Length Lenses are ideal for machine vision applications with demanding space constraints. The lenses are designed for industrial C-Mount cameras. Locking screws for the manual iris and focus enable these lenses to be used in high vibration environments. Fixed Focal Length Lenses have an advanced mechanical construction that allows these lenses to achieve a closer minimum working distance compared to standard fixed focal length lenses. Typical applications include [factory automation](#), inspection, and macro work.