

## 6mm Focal Length Lens, 1" Sensor Format



6mm Focal Length Lens, 1" Sensor Format, #13-755

Stock #13-755 **13 In Stock**

⊖ 1 ⊕ A\$1,858<sup>00</sup>

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### General

**Product Family:**  
1" Format Fixed Focal Length Lenses

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

**Length (mm):**  
56.20

54.0	<b>Maximum Diameter (mm):</b>
54	<b>Outer Diameter (mm):</b>
215	<b>Weight (g):</b>

## Optical Properties

96.8°	<b>Horizontal Field of View, 1" Sensor:</b>
16.00	<b>Maximum Image Circle (mm):</b>
<-1.8	<b>TV Distortion (%):</b>
6.00	<b>Focal Length FL (mm):</b>
100 - ∞	<b>Working Distance (mm):</b>
f/1.8 - f/11	<b>Aperture (f/#):</b>
<-1.8%	<b>Maximum Distortion (%):</b>
VIS	<b>Lens Wavelength Range:</b>

## Sensor

1"	<b>Maximum Sensor Format:</b>
5.00	<b>Pixel Size (µm):</b>

## Threading & Mounting

N/A	<b>Filter Thread:</b>
C-Mount	<b>Mount:</b>

## Regulatory Compliance

<a href="#">Exempt</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>REACH 241:</b>

## Product Details

- Up to 1", C-Mount Lens
- "Fast" Lenses for Increased Throughput
- 4.7mm to 75mm Focal Length

1" Format Fixed Focal Length Lenses provide high throughput and high resolution across the entire camera sensor, allowing for excellent imaging even in less-than-ideal lighting conditions. Offered in 9 focal lengths from 4.7mm to 75mm, this complete family covers many of the applications in the market today. Engineered to minimize distortion, these lenses provide a perfect image for a human operator or an automated system. 1" Format Fixed Focal Length Lenses also feature a standard C-Mount lens mount for easy integration with the most common machine vision [cameras](#) we offer. All lenses feature front filter threading to attach to your choice of [optical filter](#).