12.5mm Focal Length Lens, 1" Sensor Format

12.5mm Focal Length Lens, 1" Sensor Format, #63-244

Stock **#63-244**   **5 In Stock**

(-)   1   (+)   ₹64,350

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General

Series:
1" Format Fixed Focal Length Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):
51.50

Maximum Diameter (mm):	
43.0	

Outer Diameter (mm):	
43	

Weight (g):	
150	

Optical Properties

Horizontal Field of View, 1" Sensor:	
55.6°	

Maximum Image Circle (mm):	
16.00	

TV Distortion (%):	
<-1.58	

Focal Length FL (mm):	
12.50	

Working Distance (mm):	
300 - ∞	

Aperture (f/#):	
f/1.4 - f/16	

Maximum Distortion (%):	
< -1.58%	

Lens Wavelength Range:	
VIS	

Sensor

Maximum Sensor Format:	
1"	

Pixel Size (µm):	
5.00	

Threading & Mounting

Filter Thread:	
M35.5 x 0.50	

Mount:	
C-Mount	

Regulatory Compliance

RoHS 2015:	
Exempt	

Certificate of Conformance:	
View	

REACH 241:	
Contains SVHC(s)	

Country of Origin:	
Japan	

Imported By:	
Edmund Optics India Private Limited	

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**.