

6mm FL Wide Angle Low Distortion Lens



#68-669

Stock **#68-671 7 In Stock**

⊖ 1 ⊕ ₹47,250

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Volume Pricing

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General

Low Distortion Wide Angle Lenses **Series:**

Fixed Focal Length Lens **Type:**

Physical & Mechanical Properties

Fixed **Iris Option:**

45.80 **Length (mm):**

34.0	Maximum Diameter (mm):
34	Outer Diameter (mm):
100.00	Weight (g):

Optical Properties

125.00	Field of View @ Min Working Distance (mm):
56.2°	Horizontal Field of View, 1/2" Sensor:
8.00	Maximum Image Circle (mm):
6.00	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
f/1.2	Aperture (f/#):
<-0.2	Distortion (%):
<-0.2	Maximum Distortion (%):
VIS	Lens Wavelength Range:

Sensor

1/2"	Maximum Sensor Format:
4.50	Pixel Size (µm):

Threading & Mounting

M30.5 x 0.50	Filter Thread:
C-Mount	Mount:

Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:
Japan	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Up to 1/2.5", C-Mount and CS-Mount options
- Up to 3 MegaPixel and Down to 1% Distortion
- No Refocusing from 100mm to Infinity
- 1.28mm to 40mm Focal Length

Low Distortion Wide Angle Lenses maintain high resolution for applications with long working distance requirements and can accommodate multi-megapixel camera sensors. The optical design of these low-distortion wide-angle lenses enables users to achieve less than 3% distortion over a 125° field of view, or less than 1% distortion over a 110° field of view. These lenses feature a locking screw for the manual iris enabling the use in high vibration environments. Low Distortion Wide Angle Lenses are ideal for security and surveillance, machine vision, or [factory automation](#) applications. These lenses do not require refocusing from 100mm to Infinity.

Note: Image will be flipped (180° rotation). Auto Iris Options require cameras with P-Iris or DC Iris control.