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3.5mm FL Wide Angle Low Distortion Lens



#68-669

Stock **#68-669** 20+ In Stock

- 1 + €905⁰⁰

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Qty 1+	€905,00 each
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General

Low Distortion Wide Angle Lenses	Series:
Fixed Focal Length Lens	Type:

Physical & Mechanical Properties

Fixed	Iris Option:
	Length (mm):

38.20	
42.0	Maximum Diameter (mm):
42	Outer Diameter (mm):
75.00	Weight (g):

Optical Properties

180.00	Field of View @ Min Working Distance (mm):
82.4°	Horizontal Field of View, 1/2" Sensor:
66.9°	Horizontal Field of View, 1/3" Sensor:
8.00	Maximum Image Circle (mm):
3.50	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
f/2.4	Aperture (f/#):
<0.4	Distortion (%):
<0.4	Maximum Distortion (%):
VIS	Lens Wavelength Range:

Sensor

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

Threading & Mounting

M40.5 x0.50	Filter Thread:
C-Mount	Mount:

Regulatory Compliance

View	Certificate of Conformance:
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Product Details

- Up to 1/2.5", C-Mbunt 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.