

6.5X Coaxial Zoom Lens, 0.7X - 4.5X Range



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General

Type:

High Magnification Zoom Lens

Type of Illumination:

In-Line Illumination

Physical & Mechanical Properties

Weight (g):

500.00

Optical Properties

Horizontal Field of View, 1/2" Sensor:

9.1 - 1.4mm	
0.029 - 0.069	Numerical Aperture NA:
6.5:1	Zoom Ratio:
0.7X - 4.5X	Primary Magnification PMAG:
92.00	Working Distance (mm):
0.50 @ Min FOV, 1/2" Sensor 0.10 @ Max FOV, 1/2" Sensor	Distortion (%):
1.8 - 0.13	Depth of Field (mm):
VIS	Lens Wavelength Range:
Sensor	
1/2"	Maximum Sensor Format:
Threading & Mounting	
C-Mount	Mount:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Robust Housing with Incremental Zoom Control
- Coaxial In-Line Illumination Option with 1/4" Fiber Port
- High Resolution Optical Design

The EO Precision Zoom Lenses are ideal for inspecting small details, especially electronic components. All lenses feature a robust, anodized aluminum housing, as well as an incremental (or detented) zoom for easy integration. With a working distance of 195mm, the 0.37X–2.23X lens is ideal for applications requiring a large object standoff or field of view. The 0.7X–4.5X lens features a working distance of 92mm and is available in coaxial or standard models. In addition, all 0.7X–4.5X lens models feature an option for an inner focus to allow them to image a large depth of field without moving the whole lens or object under inspection.