

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



Stock #83-894 **1 In Stock**

⊖ 1 ⊕ A\$4,097⁰⁰

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General

High Magnification Zoom Lens **Type:**
In-Line Illumination **Type of Illumination:**

Physical & Mechanical Properties

500.00 **Weight (g):**

Optical Properties

Horizontal Field of View, 1/2" Sensor:

9.1 - 1.4mm

Zoom Ratio:

6.5:1

Primary Magnification PMAG:

0.7X - 4.5X

Working Distance (mm):

92.00

Distortion (%):

0.50 @ Min FOV, 1/2" Sensor
0.10 @ Max FOV, 1/2" Sensor

Depth of Field (mm):

1.8 - 0.13

Lens Wavelength Range:

VS

Numerical Aperture (NA) Range:

0.029 - 0.069

Sensor

Maximum Sensor Format:

1/2"

Threading & Mounting

Mount:

C-Mount

Regulatory Compliance

Certificate of Conformance:

[View](#)

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.