

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



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

⊖ 1 ⊕ €2.561⁰⁰

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Numerical Aperture (NA) Range:
0.029 - 0.069

General

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

Physical & Mechanical Properties

500.00 **Weight (g):**

Optical Properties

9.1 - 1.4mm **Horizontal Field of View, 1/2" Sensor:**

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.