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# 6.0X Coaxial Zoom Lens, 0.37X - 2.23X Range

6.0X Coaxial Zoom Lens, 0.37X - 2.23X Range, #83-895

Stock **#83-895** **1 In Stock**

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## General

**Type:**
High Magnification Zoom Lens

**Type of Illumination:**
In-Line Illumination

## Physical & Mechanical Properties

**Weight (g):**
680.00

## Optical Properties

**Horizontal Field of View, 1/2" Sensor:**
17.3 - 2.9mm

**Zoom Ratio:**
6:1

**Primary Magnification PMAG:**
0.37X - 2.23X

**Working Distance (mm):**
195.00

**Distortion (%):**
0.79 @ Min FOV, ½" Sensor
0.26 @ Max FOV, ½" Sensor

**Depth of Field (mm):**
10.0 - 0.6

**Lens Wavelength Range:**
VIS

**Numerical Aperture (NA) Range:**
0.04 - 0.043

## 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 ¼" 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.

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