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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**

- 1 + **C$3,983**.00

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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

Numerical Aperture NA:
0.04 - 0.043

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

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.