

2X InfiniFlex HD Compact Lens

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Stock #89-947 **1 In Stock**

⊖ 1 ⊕ **\$S\$1,365⁰⁰**

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General

Fixed Magnification Lens **Type:**

Physical & Mechanical Properties

53.20 **Length (mm):**

15.0 **Maximum Diameter (mm):**

Optical Properties

Horizontal Field of View, 1/2" Sensor:
3.2mm

Numerical Aperture NA:
0.13

Primary Magnification PMAG:
2X

Working Distance (mm):
20.00

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Mount:
C-Mount

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 224:
[Compliant](#)

Certificate of Conformance:
[View](#)

Product Details

- Multiple Options Available by Combining Main Bodies and Amplifiers
- High Light Throughput and Resolution with 0.13 NA
- Standardized 20mm Working Distance

InfiniFlex™ HD Compact Lenses are high performance micro imaging lenses designed to maximize system resolution. These lenses support up to 2/3" format sensors and feature an easy-to-use, patent-pending design. Simply choose a main body and an optional amplifier to reach magnifications ranging from 2X to 12X. The 2X PLAN version is designed specifically for increased full field imaging. For applications requiring brightfield or darkfield illumination, a 21mm Ring Light Adapter is available and allows a ring light to be moved along the body of the 15mm diameter lens to permit full angular illumination. A retainer is also available for integrating a 20mm filter in between the lens and the camera. Because the InfiniFlex™ HD Compact Lenses share similar dimensions as the [InfiniStix™ Imaging Lenses](#), the two lenses can be used together to achieve high resolutions and increased depth of field.

Technical Information

