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10X 120i Plan APO Infinity Corrected Objectives



#15-943: 10X 120i Infinity Corrected Objective



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− 1 + €855⁰⁰

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General

Compatible Tube Lens Focal Length (mm):
Focal Length: 120mm

Microscope Objective **Type:**

Style:

Infinity Corrected

Manufacturer:

Edmund Optics®

Physical & Mechanical Properties

Length (mm):

64.00

Length excluding Threads (mm):

64.00

Maximum Diameter (mm):

35

Weight (g):

130

Optical Properties

Horizontal Field of View, 1/2" Sensor:

0.64mm

Horizontal Field of View, 2/3" Sensor:

0.88mm

Horizontal Field of View, 1.1" Sensor:

1.41mm

Focal Length FL (mm):

12.00

Magnification:

10X

Numerical Aperture NA:

0.28

Resolving Power (μm):

1.0

Depth of Field (μm):

3.60

Working Distance (mm):

14.7

Wavelength Range (nm):

400 - 700

Field Number (mm):

17.6

Parfocal Length (mm):

78.7

Sensor

Maximum Sensor Format:

1.1"

Threading & Mounting

Mounting Threads:

1" x 32 TPI

Environmental & Durability Factors

Operating Temperature (°C):

+10 to +40

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 240:

[Contains SVHC\(s\)](#)

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

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Product Details

