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## 20X 120i Plan APO Infinity Corrected Objectives



#15-944: 20X 120i Infinity Corrected Objective



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**Note:** This item requires accessories for use | [Learn More](#)

### Product Downloads

### General

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

Microscope Objective **Type:**

**Style:**

Infinity Corrected

Manufacturer:

Edmund Optics®

## Physical & Mechanical Properties

Length (mm):

76.50

Length excluding Threads (mm):

76.50

Maximum Diameter (mm):

35

Weight (g):

221

## Optical Properties

Horizontal Field of View, 1/2" Sensor:

0.32mm

Horizontal Field of View, 2/3" Sensor:

0.44mm

Horizontal Field of View, 1.1" Sensor:

0.70mm

Focal Length FL (mm):

6.00

Magnification:

20X

Numerical Aperture NA:

0.42

Resolving Power (μm):

0.65

Depth of Field (μm):

1.60

Working Distance (mm):

5.7

Wavelength Range (nm):

400 - 700

Field Number (mm):

17.6

Parfocal Length (mm):

82.2

## 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

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

## Product Details

