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50mm FL Ultra High Resolution Fixed Focal Length Lenses

#68-684

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Price inclusive of all taxes

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General

Product Family:
Itra High Resolution Fixed Focal Length Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):
77.00

Maximum Diameter (mm):
38.0

Outer Diameter (mm):
38

Weight (g):
170.00

Optical Properties

Field of View @ Min Working Distance (mm):
13.9

Horizontal Field of View, 1/2" Sensor:
13.9mm - 7.3°

Maximum Image Circle (mm):
11.00

Focal Length FL (mm):
50.00

Working Distance (mm):
100 - ∞

Aperture (f/#):
f/2.8 - f/16

Maximum Distortion (%):
<-0.02%

Lens Wavelength Range:
VIS

Sensor

Maximum Sensor Format:
2/3"

Pixel Size (µm):
2.40

Threading & Mounting

Filter Thread:
M30.5 x 0.50

Mount:
C-Mount

Regulatory Compliance

RoHS 2015:
Exempt

Certificate of Conformance:
View

REACH 241:
Contains SVHC(s)

Country of Origin:
Japan

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
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Product Details

- 2/3", C-Mount Lens
- Up to 10 MegaPixels, 2.4µm Pixel Size Sensors
- Spectral Range of 400 - 1000nm
- 5mm to 50mm Focal Lengths

Ultra High Resolution Fixed Focal Length Lenses are designed to provide 10 MegaPixel resolution on axis. These lenses have a spectral range of 400 to 1000nm. Through the use of a floating focus and aspheric lens elements, these high-resolution lenses are able to maintain excellent performance from 100mm to infinity. Ultra High Resolution Fixed Focal Length Lenses feature locking focus, iris rings, and a front filter thread to allow the use of standard optical filters for increased versatility. The lenses are available in 7 focal length options and feature very low distortion.

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