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1064nm, 0.80 NA, foXXus Multi-Focus Objective | foXXus_0.015-0.047_NA0.8_1064

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AdlOptica foXXus Multi-Focus Objectives

Stock #19-499 **1 In Stock**

⊖ 1 ⊕ ₹9,36,000

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General

foXXus_0.015-0.047_NA0.8_1064 **Model Number:**

Objective **Type:**

±1 **Field of View (°):**

Includes foXXus objective and pre-mounted protective window ([#19-500](#)) **Note:**

Physical & Mechanical Properties

Physical & Mechanical Properties

39.60 Length (mm):

12.9 Clear Aperture CA (mm):

34.50 Diameter (mm):

Optical Properties

8.10 Focal Length FL (mm):

0.80 Numerical Aperture NA:

1.0 Working Distance (mm):

1064 Design Wavelength DWL (nm):

25 mJ @ 5ns Damage Threshold, By Design:

12.9 (maximum) Beam Diameter (mm):

25 mJ @ 5ns Damage Threshold, Pulsed:

Threading & Mounting

C-Mount Mount:

Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

[Compliant](#) Reach 250:

Germany Country of Origin:

Edmund Optics India Private Limited Imported By:

Product Details

- Focus Laser Light to 1, 2, or 4 Focal Points Along the Optical Axis
- Available with 0.38 or 0.80 Numerical Apertures
- Aplanatic Designs for 515/1030nm and 1064nm Lasers
- [AdlOptica aplanoXX Aplanatic Objectives](#) Also Available

AdlOptica foXXus Multi-Focus Objectives focus laser light to multiple foci along the optical axis, increasing the effective depth of focus and enabling high speed multilayer cutting of materials with excellent quality. Optimized for either 515/1030nm or 1064nm, these objectives are designed to be used with ultrafast solid-state and fiber lasers such as Yb:doped fiber and Nd:YAG. By manual rotation of the objective's collar, 1, 2, or 4 foci can be selected by the user. AdlOptica foXXus Multi-Focus Objectives are ideal for use in micromachining and materials processing applications to cut glass, sapphire, silicon carbide, or other brittle materials. A replaceable front window protects these objectives from damage during materials processing.

Technical Information



