

[See all 6 Products in Family](#)

515/1030nm, 0.38 NA, foXXus Multi-Focus Objective | foXXus_0.07_0.22_NA0.38_515/1030

See More by [AdlOptica](#)



AdlOptica foXXus Multi-Focus Objectives

Stock **#19-498** [CONTACT US](#)

-

1

+

S\$12,840^{.00}

ADD TO CART

Volume Pricing	
Qty 1+	S\$12,840.00 each
Need More?	Request Quote

Product Downloads

General	
Model Number:	
foXXus_0.07_0.22_NA0.38_515/1030	
Type:	
Objective	
Field of View (°):	
±1	
Note:	
Includes foXXus objective, mounted protective window (#19-501), and spanner wrench (#19-503)	
Physical & Mechanical Properties	

Physical & Mechanical Properties	
39.00	Length (mm):
12.9	Clear Aperture CA (mm):
34.00	Diameter (mm):
Optical Properties	
17.00	Focal Length FL (mm):
0.38	Numerical Aperture NA:
9.7 (8.7 with Protective Window)	Working Distance (mm):
515, 1030	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:

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

