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1064nm, 0.80 NA  
0.047\_NA0.8\_1064

foXXus\_0.015-

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AdlOptica foXXus Multi-Focus Objective

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

1

€9.595<sup>.00</sup>

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Volume Pricing	
Qty	€9.595,00
1+	each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- Curve:pdf
- PDF Drawing:pdf
- IGES:igs
- User Manual:pdf
- eDrawing:eprt
- EO Spec Sheet
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General

<b>Model Number:</b>	foXXus_0.015-0.047_NA0.8_1064	<b>Type:</b>	Objective
<b>Field of View (°):</b>	±1	<b>Note:</b>	Includes foXXus objective and pre-mounted protective window ( <a href="#">#19-500</a> )

Physical & Mechanical Properties

<b>Length (mm):</b>	39.60	<b>Clear Aperture CA (mm):</b>	12.9
<b>Diameter (mm):</b>	34.50		

Optical Properties

<b>Focal Length FL (mm):</b>	8.10	<b>Numerical Aperture NA:</b>	0.80
<b>Working Distance (mm):</b>	1.0	<b>Design Wavelength DWL (nm):</b>	1064
<b>Damage Threshold, By Design:</b>	25 mJ @ 5ns	<b>Beam Diameter (mm):</b>	12.9 (maximum)
<b>Damage Threshold, Pulsed:</b>	25 mJ @ 5ns		

Threading & Mounting

<b>Mount:</b>	C-Mount
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Regulatory Compliance

RoHS 2015: **Compliant**

Certificate of Conformance: [View](#)

Reach 250: **Compliant**

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## 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

## Accessories

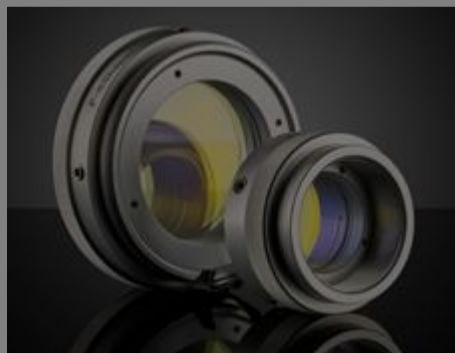
**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	Replacement Window for 1064nm foXXus Multi-Focus Objective		#19-500	€90,00 <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Replacement Window for 515/1030nm foXXus and aplanoXX Objectives		#19-493	€90,00 <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Spanner Wrench for foXXus Multi-Focus Objective		#19-503	€90,00 <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Mounted Window for 515/1030nm foXXus Multi-Focus Objective		#19-501	€285,00 <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>

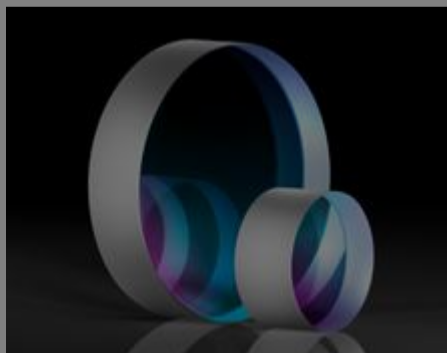
## Related Products



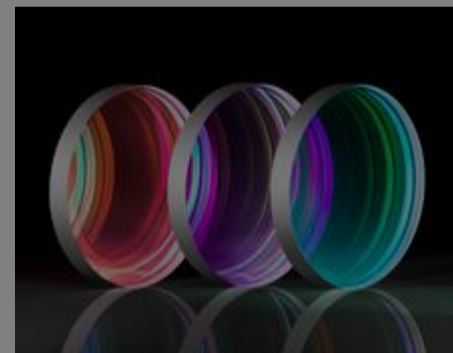
AdlOptica πShaper Flat Top Beam Shapers



AdlOptica Focal-πShaper Q Flat Top Beam Shapers



High Performance Low GDD Ultrafast Mirrors



Ultrafast Harmonic Separators

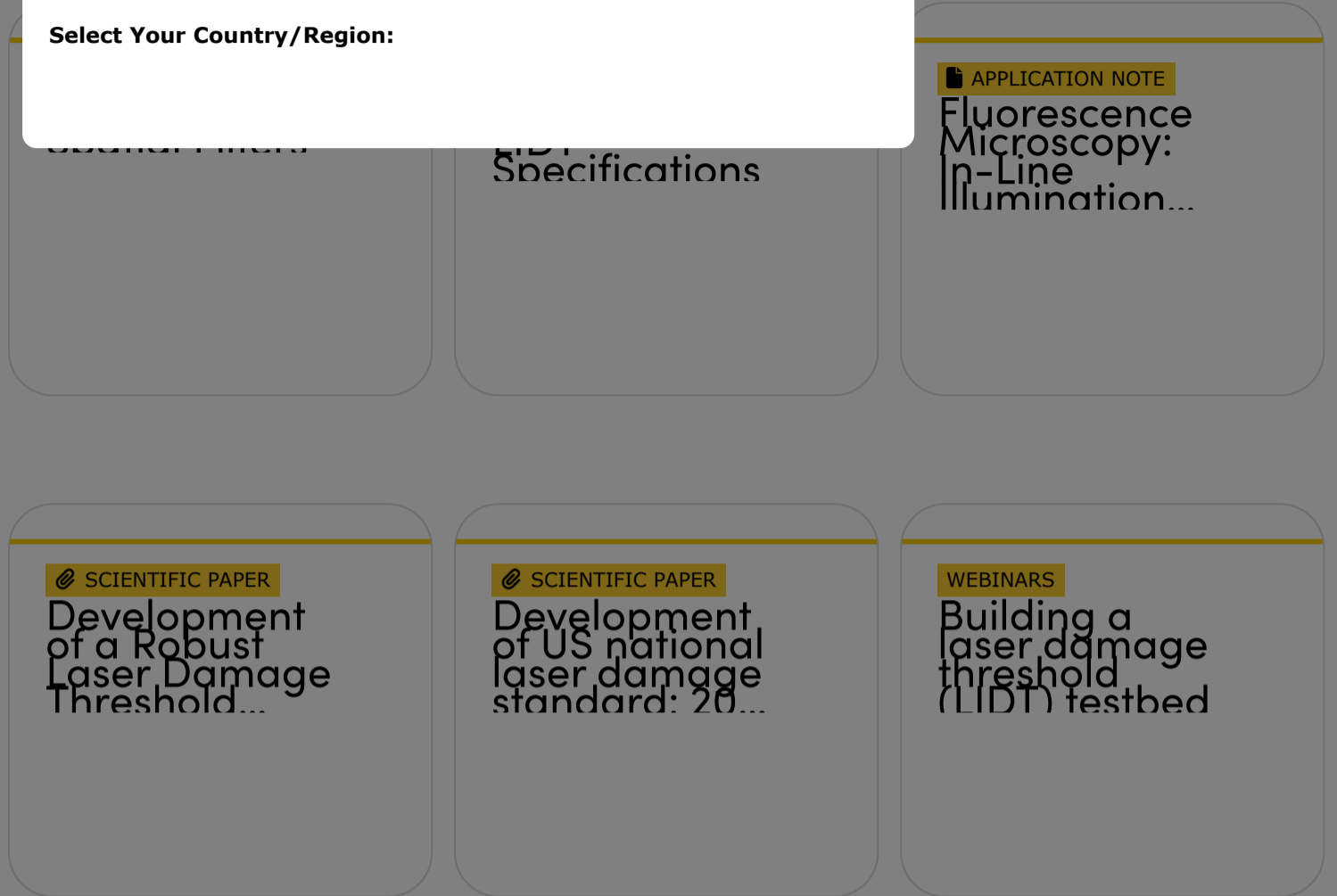
# Resources

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