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# Olympus UPLXAPO 20X Objective

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 Stock #14-907 **3 In Stock**

- 1 +

MRP ₹4,81,086

Price inclusive of all taxes

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Olympus UPLXAPO 20X Objective, #14-907

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Spec Sheets:pdf	
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## General

<b>Model Number:</b>	UPLXAPO20X	<b>Compatible Tube Lens Focal Length (mm):</b>	Focal Length: 180mm
<b>Type:</b>	Microscope Objective	<b>Style:</b>	Infinity Corrected
<b>Manufacturer:</b>	Olympus	<b>Note:</b>	Spring-loaded

## Physical & Mechanical Properties

<b>Field of View (mm):</b>	1.33	<b>Length excluding Threads (mm):</b>	44.45
<b>Maximum Diameter (mm):</b>	28	<b>Weight (g):</b>	149

## Optical Properties

<b>Compatible Cover Glass Thickness (mm):</b>	0.17	<b>Focal Length FL (mm):</b>	9.00
<b>Magnification:</b>	20X	<b>Numerical Aperture NA:</b>	0.80
<b>Resolving Power (µm):</b>	0.42	<b>Depth of Field (µm):</b>	0.43
<b>Working Distance (mm):</b>	0.61	<b>Wavelength Range (nm):</b>	400 - 1000
<b>Field Number (mm):</b>	26.5	<b>Parfocal Length (mm):</b>	45.06
<b>Immersion Liquid:</b>	N/A	<b>Entrance Pupil Diameter (mm):</b>	14.40

## Threading & Mounting

**Mounting Threads:** RMS / 20.32mm x 36 TPI

## Regulatory Compliance

**Certificate of Conformance:** [View](#)

**Country of Origin:** Japan

**Imported By:** Edmund Optics India Private Limited  
267, Greystone Building,  
Second Floor,  
6th Cross Rd,  
Binnamangala,  
Stage 1,  
Indiranagar,  
Bengaluru,  
Karnataka,  
India 560038  
Phone: +91-80-6845 0000

## Product Details

- High Numerical Aperture (NA) up to 1.45
- Chromatic Aberration Correction from 400 - 1000nm
- Uniform Image Flatness over Large FOVs

Olympus X-Line Extended Apochromat Infinity Corrected Objectives (also referred to as the UPLXAPO series) are Olympus' next generation high performance objectives that simultaneously feature high numerical aperture (NA), broadband chromatic aberration correction, and excellent image flatness. The high numerical aperture (NA) allows for excellent light collection efficiency to better capture faint signals, enabling a shorter exposure time and higher contrast. The broad chromatic aberration correction compensates for the wavelength-dependent spatial shift of colors to achieve excellent color reproduction. These objectives also achieve high image flatness from the center to the edges of images over large fields of view (FOV), making them ideal for image stitching and quantitative image analysis. Olympus X-Line Extended Apochromat Infinity Corrected Objectives are used in demanding life science and clinical applications including pathology, fluorescence microscopy, multicolor or widefield fluorescence imaging, confocal or super resolution microscopy, and whole slide imaging.

## Technical Information

	Stock #	A	B	C	D	E	F	G	WD
Olympus UPLXAPO 4X Objective	<a href="#">#14-905</a>	31.89	-	-	15.4	15.4	28	4.7	13.0
Olympus UPLXAPO 10X Objective	<a href="#">#14-906</a>	41.78	3.7	4.28	9.6	19.4	28	4.6	3.1
Olympus UPLXAPO 20X Objective	<a href="#">#14-907</a>	44.28	3.39	2.88	10.2	18.6	28	4.8	0.61
Olympus UPLXAPO 40X Objective	<a href="#">#14-908</a>	44.71	4.21	2.11	7.5	20.3	31.5	4.9	0.18
Olympus UPLXAPO 60X Oil Immersion Objective	<a href="#">#14-909</a>	44.74	2.1	2.84	10	19.3	31.5	4.9	0.15
Olympus UPLXAPO 100X Oil Immersion Objective	<a href="#">#14-910</a>	44.76	2.1	3.06	7.5	19.1	30.5	4.8	0.135

## 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>	Olympus Single Port Tube Lens, 180mm Focal Length		<a href="#">#86-835</a>	₹88,677 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	Olympus Wide Field Tube Lens, 180mm Focal Length		#36-401	₹65,313 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Olympus Wide Field Tube Lens to T-Mount Holder		#11-149	₹18,585 <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Olympus Low Auto Fluorescence Immersion Oil		#86-834	₹9,346 <a href="#">Request Quote</a>	17 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Olympus 1X Camera Coupler		#89-605	₹14,337 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Olympus C-Mount Adapter		#89-606	₹29,205 <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/>
<a href="#">MORE+</a>	Filter Cube for Olympus BX2/IX2 Microscopes		#86-832	₹75,933 <a href="#">Request Quote</a>	2 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Filter Cube for Olympus BX3/IX3 Microscopes		#86-833	₹75,933 <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>

## Related Products



Multi-Band Fluorescence Bandpass Filters



Laser Line Longpass Filters



Dichroic Laser Beam Combiners



#03-627 - C-Mount Male to Olympus (RMS/DIN) Female Step-Down Adapter  
₹5,246

Qty

## Frequently Purchased Together



#03-625 - 30mm - 50mm Length, C-Mount Fine Focus Tube  
₹11,905

Qty



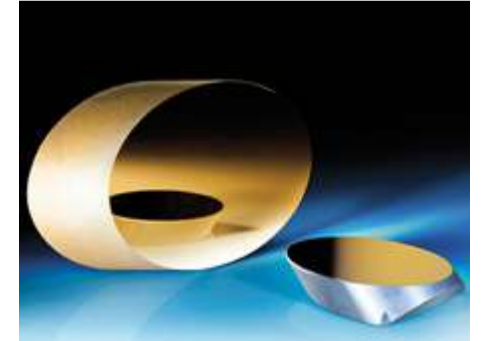
#03-629 - C-Mount Double Male Thread Ring  
₹3,709

Qty



#03-631 - 0.5mm Thick, C-Mount Brass Spacer Ring  
₹1,135

Qty



#32-133 - Elliptical Mirror 31.75mm Minor Axis Enhanced Aluminum  
₹13,419

Qty

# Resources

## Media Type

- Technical Tool
- Application Note
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- Glossary
- Trending in Optics

TECHNICAL TOOL

Infinite  
Conjugate  
Tube Length

APPLICATION NOTE

Understanding  
Infinity  
Corrected  
Objective...

APPLICATION NOTE

Using Tube  
Lenses with  
Infinity  
Corrected...

? FAQ

What is an "in-  
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