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# 10X ZEISS A-Plan Objective

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ZEISS A-Plan Objectives



Stock #13-816 **11 In Stock**

- 1 + €288<sup>00</sup>

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## General

**Model Number:**  
421040-9900-000

**Compatible Tube Lens Focal Length (mm):**  
Focal Length: 164.50mm

**Type:**  
Microscope Objective

Fluorescence, BrightField	<b>Typical Applications:</b>
Infinity Corrected	<b>Style:</b>
Zeiss	<b>Manufacturer:</b>
<b>Physical &amp; Mechanical Properties</b>	
2.3	<b>Field of View (mm):</b>
40.40	<b>Length excluding Threads (mm):</b>
30	<b>Maximum Diameter (mm):</b>
152	<b>Weight (g):</b>
<b>Optical Properties</b>	
0.17	<b>Compatible Cover Glass Thickness (mm):</b>
16.50	<b>Focal Length FL (mm):</b>
10X	<b>Magnification:</b>
0.25	<b>Numerical Aperture NA:</b>
1.1	<b>Resolving Power (µm):</b>
4.40	<b>Depth of Field (µm):</b>
4.5	<b>Working Distance (mm):</b>
480 - 650	<b>Wavelength Range (nm):</b>
23	<b>Field Number (mm):</b>
45.06	<b>Parfocal Length (mm):</b>
N/A	<b>Immersion Liquid:</b>
<b>Threading &amp; Mounting</b>	
M27 x0.75	<b>Mounting Threads:</b>
<b>Environmental &amp; Durability Factors</b>	
+10 to +40	<b>Operating Temperature (°C):</b>
75% at 35°C	<b>Operating Humidity:</b>
<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

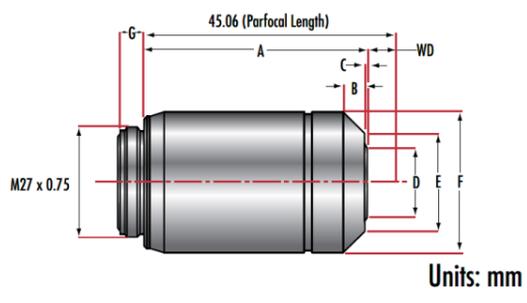
## Product Details

- Ideal for Brightfield and Fluorescence Applications
- Excellent Color Correction and Flatness of Field
- Oil Immersion Options Available

ZEISS A-Plan Plan Achromat Infinity Corrected Objectives are designed for a variety of routine life science applications. These objectives exhibit excellent color correction and flatness of field that satisfy ISO 19012-1:2013 standards. They are ideal for brightfield inspection of fixed and stained tissues or cells in fluorescence applications. The large field number of 23mm facilitates fast screening of samples. ZEISS A-Plan Plan Achromat Infinity Corrected Objectives are corrected for standard cover slips with 0.17mm thickness.

**Note:** Tube Lens [#13-828](#) is required when using ZEISS A-Plan Plan Achromat Infinity Corrected Objectives with non-ZEISS Infinity Color Corrected (ICS) microscope systems.

## Technical Information



Stock No.	A-Plan	A	B	C	D	E	F	G	W.D.	PFL	Mounting Threads
#13-814	2.5X	34.5	6.25	2.75	17.0	22.5	30.0	3.9	10.40	45.06	M27x0.75
#13-815	5X	34.8	7.25	2.75	17.0	22.5	30.0	3.9	10.10	45.06	M27x0.75
#13-816	10X	40.4	4.75	5.25	12.0	22.5	30.0	3.9	4.50	45.06	M27x0.75
#13-817	20X	44.4	7.90	6.30	6.4	22.0	30.0	4.0	0.46	45.06	M27x0.75
#13-818	40X	44.4	8.00	3.30	7.0	21.0	30.0	4.0	0.45	45.06	M27x0.75
#13-819	63X	44.6	8.00	6.60	7.0	22.0	30.0	4.0	0.30	45.06	M27x0.75
#13-820	100X	43.9	10.70	3.20	7.1	19.0	30.0	3.9	0.97	45.06	M27x0.75
#13-821	100X OIL	44.7	9.00	5.70	7.0	19.0	30.0	4.0	0.22	45.06	M27x0.75