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## 0.5X Plan Achromatic 0.05 NA for Z Series Microscope



#68-774 + #68-782 + #68-785



Stock **#68-781** [CONTACT US](#)

- 1 + MRP ₹83,898

Price inclusive of all taxes

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### Volume Pricing

Qty 1-4	₹83,898 each
Qty 5-9	₹79,650 each
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### Product Downloads

### General

Plan Achromatic **Type:**

### Optical Properties

0.5X **Magnification:**

0.05	<b>Numerical Aperture NA:</b>
126.0	<b>Working Distance (mm):</b>

## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
China	<b>Country of Origin:</b>
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	<b>Imported By:</b>

## Product Details

Riser Adapter, [#88-609](#), is required.

- Capable of Achieving Magnifications from 2.4X - 320X
- Modular Design for Maximum Customizability
- Ergonomic Option to Prevent Repeat Use Injuries
- Requires [#88-609](#) for 0.3X or 0.5X Objectives

These Z Series Modular Zoom Stereo Microscopes are the perfect choice to build a new inspection system with easy to use components. With 3 zoom range options and multiple objectives and eyepieces, these systems can be customized to meet your exact needs. Optional components include a photoport insert and C-Mount adapter to connect directly to C-Mount cameras, as well as, [LED Ring Light Illuminators](#). When utilizing the 0.3X or 0.5X objectives, the Riser Adapter, [#88-609](#), is required.

## Technical Information

Description			Stock No.
Main Body	One Required	0.8X - 8.0X Zoom Body Z Series Microscope, Z10	<a href="#">#68-772</a>
		0.8X - 6.4X Zoom Body Z Series Microscope, Z8	<a href="#">#68-773</a>
		0.8X - 5.0X Zoom Body Z Series Microscope, Z6	<a href="#">#68-774</a>
Viewing Head	One Required	Binocular Microscope Head 20° Incline	<a href="#">#68-775</a>
		Ergonomic Microscope Head 0-35° Incline	<a href="#">#68-776</a>
Eyepieces	Two Required	WF 10X Eyepiece with 24mm FOV, Compatible w/ 26.5mm Reticle	<a href="#">#68-777</a>
		WF 15X Eyepiece with 16mm FOV, Compatible w/ 20.0mm Reticle	<a href="#">#68-778</a>
		WF 20X Eyepiece with 12.5mm FOV, Not Reticle Compatible	<a href="#">#68-779</a>
Objective	One Required	0.3X Achromatic Z Series Objective, 0.03 NA, 280mm WD	<a href="#">#68-780</a>
		0.5X Plan Achromatic Z Series Objective, 0.05 NA, 126mm WD	<a href="#">#68-781</a>
		1.0X Plan Achromatic Z Series Objective, 0.09 NA, 78mm WD	<a href="#">#68-782</a>
		2.0X Plan Achromatic Z Series Objective, 0.02 NA, 32.5mm WD	<a href="#">#68-783</a>
Riser Objective	One Required, if using 0.3X or 0.5X Objective	Rise Adapter	<a href="#">#88-609</a>
Stand	One Required	Standard Microscope Stand with 76mm Holder	<a href="#">#68-784</a>
		Variable LED Microscope Stand with 76mm Holder	<a href="#">#68-785</a>

Objective	Working Distance (mm)	10X Eyepieces					
		Z10 (0.8X - 8.0X)		Z8 (0.8X - 6.4X)		Z6 (0.8X - 5.0X)	
		Magnification	FOV (mm)	Magnification	FOV (mm)	Magnification	FOV (mm)
0.3X	280	2.4X - 24X	100 - 10	2.4X - 19.5X	100 - 12.3	2.4X - 15X	100 - 16
0.5X	126	4X - 40X	60 - 6	4X - 32.5X	60 - 70.4	4X - 25X	60 - 9.6
1.0X	78	8X - 80X	30 - 3	8X - 65X	30 - 3.7	8X - 50X	30 - 4.8
2.0X	32.5	16X - 160X	15 - 1.5	16X - 130X	15 - 1.85	16X - 100X	15 - 2.4
Objective	Working Distance (mm)	15X Eyepieces					
		Z10 (0.8X - 8.0X)		Z8 (0.8X - 6.4X)		Z6 (0.8X - 5.0X)	
		Magnification	FOV (mm)	Magnification	FOV (mm)	Magnification	FOV (mm)
0.3X	280	3.6X - 36X	66.7 - 6.67	3.6X - 29.3X	66.7 - 8.2	3.6X - 22.5X	66.7 - 10.67
0.5X	126	6X - 60X	40 - 4	6X - 52X	40 - 4.9	6X - 37.5X	40 - 6.4
1.0X	78	12X - 120X	20 - 2	12X - 97.5X	20 - 2.5	12X - 75X	20 - 3.2
2.0X	32.5	24X - 240X	10 - 1	24X - 195X	10 - 1.23	24X - 150X	10 - 1.6
Objective	Working Distance (mm)	20X Eyepieces					
		Z10 (0.8X - 8.0X)		Z8 (0.8X - 6.4X)		Z6 (0.8X - 5.0X)	
		Magnification	FOV (mm)	Magnification	FOV (mm)	Magnification	FOV (mm)

0.3X	280	4.8X-48X	50-5	4.8X-39X	50-6.15	4.8X-30X	50-8
0.5X	126	8X-80X	30-3	8X-65X	30-3.7	8X-50X	30-4.8
1.0X	78	16X-160X	15-1.5	16X-130X	15-1.85	16X-100X	15-2.4
2.0X	32.5	32X-320X	7.5-0.75	32X-260X	7.5-0.9	32X-200X	7.5-1.2

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