




Microscope Objectives ePLN Fluor DIC series

ePLN Fluor DIC Series					
Magnification	5x	10x	20x	50x	100x
Numerical Aperture	0.15	0.3	0.45	0.8	0.9
Working Distance (mm)	19.3	11	3.2	0.95	0.9
Slide CT (mm)	0	0	0	0	0
Focus Length (mm)	40	20	10	4	2
Wavelength (nm)	430-660	430-660	430-660	430-660	430-660
Resolution (μm)	1.83	0.92	0.61	0.34	0.31
Physical Depth of focus (μm)	12.22	3.06	1.36	0.43	0.34
Field (Eye Lens, $\Phi 25$)	5	2.5	1.25	0.5	0.25
2/3" Sensor (HxV)	1.8x1.32	0.88x0.66	0.44x0.33	0.18x0.13	0.09x0.07
1/2" Sensor (HxV)	1.28x0.96	0.64x0.48	0.32x0.24	0.13x0.10	0.06x0.05
Thread	W4/5 x 1/36				

ePLN Fluor DIC BD Series					
Magnification	5x	10x	20x	50x	100x
Numerical Aperture	0.15	0.3	0.45	0.8	0.9
Working Distance (mm)	19.3	11	3.2	0.95	0.85
Slide CT (mm)	0	0	0	0	0
Focus Length (mm)	40	20	10	4	2
Wavelength (nm)	430-660	430-660	430-660	430-660	430-660
Resolution (μm)	1.83	0.92	0.61	0.34	0.31
Physical Depth of focus (μm)	12.22	3.06	1.36	0.43	0.34
Field (Eye Lens, $\Phi 25$)	5	2.5	1.25	0.5	0.25
2/3" Sensor (HxV)	1.8x1.32	0.88x0.66	0.44x0.33	0.18x0.13	0.09x0.07
1/2" Sensor (HxV)	1.28x0.96	0.64x0.48	0.32x0.24	0.13x0.10	0.06x0.05
Thread	W26x0.706/M27x0.75/M32x0.75				

 : www.shanghai-optics.com

 : rfq@shanghai-optics.com


 : 732-321-6915

ePLN Fluor LD BD			
Magnification	20x	50x	100x
Numerical Aperture	0.4	0.5	0.8
Working Distance (mm)	12.2	10.6	3.2
Slide CT (mm)	0	0	0
Focus Length (mm)	10	4	2
Wavelength (nm)	400-700	400-700	400-700
Resolution (μm)	0.69	0.55	0.34
Physical Depth of focus (μm)	1.72	1.1	0.43
Field (Eye Lens, Φ25)	1.25	0.5	0.25
2/3" Sensor (HxV)	0.44x0.33	0.18x0.13	0.09x0.07
1/2" Sensor (HxV)	0.32x0.24	0.13x0.10	0.06x0.05
Thread	W4/5 x 1/36		

ePLN APO Fluor LD Series			
Magnification	20x	50x	100x
Numerical Aperture	0.4	0.5	0.8
Working Distance (mm)	12.2	10.6	3.2
Slide CT (mm)	0	0	0
Focus Length (mm)	10	4	2
Wavelength (nm)	400-700	400-700	400-700
Resolution (μm)	0.69	0.55	0.34
Physical Depth of focus (μm)	1.72	1.1	0.43
Field (Eye Lens, Φ25)	1.25	0.5	0.25
2/3" Sensor (HxV)	0.44x0.33	0.18x0.13	0.09x0.07
1/2" Sensor (HxV)	0.32x0.24	0.13x0.10	0.06x0.05
Thread	W26x0.706/M27x0.75/M32x0.75		

 : www.shanghai-optics.com


 : rfq@shanghai-optics.com

 : 732-321-6915

ePLN NIR			
Magnification	40x	100x	100x
Numerical Aperture	0.65	0.75	0.8
Working Distance (mm)	3.1-3.83	3.55	3.3
Slide CT (mm)	0-1.2	0.5	0
Focus Length (mm)	3.6	1.8	1.8
Wavelength (nm)		640±30	640±30
	640-1064	940-1064	940-1064
Resolution (μm)	0.42	0.37	0.34
Physical Depth of focus (μm)	0.65	0.49	0.43
Field (Eye Lens, Φ25)	0.5	0.25	0.25
2/3" Sensor (HxV)	0.18x0.13	0.09x0.07	0.09x0.07
1/2" Sensor (HxV)	0.13x0.10	0.06x0.05	0.06x0.05
Thread	W4/5 x 1/36		

 : www.shanghai-optics.com

 : rfq@shanghai-optics.com

 : 732-321-6915