



Shanghai Optics



IPLN APO SERIES

IPLN APO HD SERIES

	2X	3.5X	5X	7X	10X	20X	50X	100X	20X	50X
NA	0.055	0.1	0.13	0.22	0.28	0.29	0.42	0.55	0.8	0.9
WD	34.6	40.93	44.5	36.4	34	31	20.1	12.6	0.95	0.85
SLIDE CT (MM)	0	0	0	0	0	0	0	0	0	0
FL(MM)	100	57.1	40	28.57	20	10	4	2	4	2
WAVELENGTH	400~700nm									
RESOLUTION(UM)	5	2.75	2.1	1.25	0.98	0.95	0.65	0.5	0.34	0.31
PHYSICAL DEPTH OF FOCUS	90.9	27.5	16.27	5.68	3.51	3.27	1.56	0.91	0.43	0.34
EYE LENS Φ25	12.5	7.14	5	3.57	2.5	1.25	0.5	0.25	0.5	0.25
2/3"SENSOR	4.4x3.3	2.5x1.89	1.8x1.32	1.26x0.94	0.88x0.66	0.44x0.33	0.18x0.13	0.09x0.07	0.18x0.13	0.09x0.07
1/2"SENSOR	3.2x2.4	1.83x1.37	1.28x0.96	0.9x0.68	0.64x0.48	0.32x0.24	0.13x0.10	0.06x0.05	0.13x0.10	0.06x0.05
THREAD	W26x0.706									

IPLN APO NIR SERIES

IPLN APO NIR HD SERIES

	2X	5X	10X	20X	50X	20X	50X
NA	0.055	0.13	0.28	0.29	0.67	0.45	0.8
WD	34.6	44.5	34	31	10	16.7	3.34
SLIDE CT (MM)	0	0	0	0	1.8	0.7	0.7
FL(MM)	100	40	20	10	4	10	4
WAVELENGTH	400~1064nm		450~1340nm			450~790nm	
RESOLUTION(UM)	5	2.1	0.98	0.95	0.41	0.61	0.34
PHYSICAL DEPTH OF FOCUS	90.9	16.27	3.51	3.27	0.61	1.36	0.43
EYE LENS Φ25	12.5	5	2.5	1.25	0.5	1.25	0.5
2/3"SENSOR	4.4x3.3	1.8x1.32	0.88x0.66	0.44x0.33	0.18x0.13	0.44x0.33	0.18x0.13
1/2"SENSOR	3.2x2.4	1.28x0.96	0.64x0.48	0.32x0.24	0.13x0.10	0.32x0.24	0.13x0.10
THREAD							

IPLN APO NUV HP SERIES

IPLN APO NUV SERIES

IPLN APO NUV HD

	50X	100X	100X	20X	50X
NA	0.4	0.42	0.4	0.43	0.7
WD	17.2	16.3	17.15	14.81	3.5
SLIDE CT (MM)	0	0	0	0	0
FL(MM)	10	4	10	4	4
WAVELENGTH	355~620nm		345~700nm		345~700nm
RESOLUTION(UM)	0.69	0.65	0.69	0.64	0.39
PHYSICAL DEPTH OF FOCUS	1.72	1.56	1.72	1.49	0.56
EYE LENS Φ25	1.25	0.5	1.25	0.5	0.5
2/3"SENSOR	0.44x0.33	0.18x0.13	0.44x0.33	0.18x0.13	0.18x0.13
1/2"SENSOR	0.32x0.24	0.13x0.10	0.32x0.24	0.13x0.10	0.13x0.10
THREAD	W26x0.706				