

CFI Plan Achromat series

CFI Plan Achromat series provides incredible image flatness, with chromatic aberration corrected throughout the entire visible spectrum. These objectives are suitable not only for observation but also for capturing images.



CFI Plan 1X, 2X, 4X, 10X, 20X, 40X and 100X Oil



CFI Plan DL 10X, 20X, 40X and 100X Oil

Water Dipping Series

Sharper tips and broad approach angles provide improved accessibility for manipulator control. Aberrations are corrected even in the infrared range for high-magnification objectives, making them suitable for multi-photon imaging using infrared light.



CFI Plan Fluor 10XW, CF75 LWD 16XW, CFI Apochromat NIR 40XW/60XW and CFI Plan 100XC W

Use	Model	NA	W.D. (mm)	Cover glass thickness	Spring loaded	Brightfield	Darkfield	DIC	Phase contrast	Polarizing	Fluorescence		Near-infrared DIC
											UV	Visible light	
Brightfield (CFI Plan)	1X	0.04	3.20	—		⊙				●			
	2X	0.06	7.50	—		⊙				●			
	4X	0.10	30.00	—		⊙				●			
	10X	0.25	10.50	—		⊙	△			●			
	20X	0.40	1.20	0.17		⊙	●			●			
	40X	0.65	0.56	0.17	✓	⊙	●			●			
	50X Oil	0.90	0.35/0.18	—/0.17	✓	⊙	●			●			
	100X Oil	1.25	0.20	0.17	✓	⊙	●			●			
	NGC 40X	0.65	0.48	0	✓	⊙	●			●			
	NGC 100X	0.90	1.00	0	✓	⊙	●			●			
	DL 10X	0.25	10.50	—		⊙	△			●			
	DL 20X	0.40	1.20	0.17		⊙	●			●			
	DL 40X	0.65	0.56	0.17	✓	⊙	●			●			
Phase contrast (CFI Plan)	DL 100X Oil	1.25	0.20	0.17	✓	⊙			⊙ PH3	●			
	DL 100X Oil	0.30	3.50	0		⊙	△		⊙ PH1				○
	DL 100X Oil	0.30	3.50	0		⊙	△		⊙ PH2				○
DIC (CFI Plan Fluor)	10X W	0.30	3.50	0		⊙					⊙		
	10X W	0.30	3.50	0		⊙					⊙		
IR-DIC (CFI Apo)	NIR 40X W	0.80	3.50	0		⊙	●				●		○
	NIR 60X W	1.00	2.80	0		⊙	●				●		○
DIC (CFI Plan)	100XC W	1.10	2.50	0		⊙	●				○		○
	100XC W	1.10	2.50	0		⊙	●				○		○
DIC (CFI75)	LWD 16X W *	0.80	3.00	0		⊙	●				○		○

* Dedicated for FN1 and NfE focusing nosepiece type