





Microscope Objectives Phase Contrast

Phase Contrast							
Magnification	2X	4X	10X	20X	40X	60X	100X (Oil)
Numerical Aperture	0.05	0.1	0.25	0.4	0.65	0.85	1.25
Working Distance (mm)	17	15.2	5.5	3.5	0.45	0.45	0.13
Slide CT (mm)	-	0.17	0.17	0.17	0.17	0.17	0.17
Focus Length (mm)							
BFL (mm)		34.6815	-16.5859		-16.4645		-18.4944
Conjugate Distance (mm)							
Tube Length (mm)							
Wavelength (nm)							
Resolution (μm)	13.42	3.355	1.342	0.839	0.516	0.395	0.268
Physical Depth of Focus (μm)	1011.42	63.214	10.114	3.504	1.2	0.661	0.29
Thread							
Spring				√	√	√	√

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