

9 Mega-Pixel Lens

1" format
 V: 9.6
 H: 12.8

WD	FL-BC1220-9M f=12mm F2.0	FL-BC1618-9M f=16mm F1.8	FL-BC2518-9M f=25mm F1.8	FL-BC3518-9M f=35mm F1.8	FL-BC5024-9M f=50mm F2.4	FL-BC7528-9M f=75mm F2.8
	V x H (mm)	V x H (mm)	V x H (mm)	V x H (mm)	V x H (mm)	V x H (mm)
80	72.6 × 96.8	56.5 × 75.4	-	-	-	-
100	88.7 × 118.3	68.6 × 91.5	39.1 × 52.2	-	-	-
125	108.8 × 145.0	83.7 × 111.6	48.7 × 65.0	-	-	-
150	128.8 × 171.7	98.8 × 131.7	58.3 × 77.8	38.4 × 51.1	-	-
175	148.8 × 198.4	113.8 × 151.7	67.9 × 90.6	45.2 × 60.3	-	-
200	168.8 × 225.1	128.8 × 171.8	77.5 × 103.4	52.1 × 69.4	36.4 × 48.6	-
225	188.8 × 251.7	143.8 × 191.8	87.1 × 116.2	58.9 × 78.6	41.2 × 55.0	-
250	208.7 × 278.3	158.9 × 211.8	96.8 × 129.0	65.8 × 87.7	46.0 × 61.4	26.5 × 35.3
275	228.7 × 305.0	173.9 × 231.8	106.4 × 141.8	72.7 × 96.9	50.8 × 67.8	29.7 × 39.5
300	248.7 × 331.6	188.9 × 251.8	116.0 × 154.6	79.5 × 106.0	55.6 × 74.2	32.9 × 43.8
350	288.6 × 384.8	218.9 × 291.8	135.2 × 180.2	93.2 × 124.3	65.2 × 87.0	39.3 × 52.3
400	328.5 × 438.1	248.9 × 331.9	154.4 × 205.8	106.9 × 142.6	74.8 × 99.8	45.7 × 60.9
450	368.5 × 491.4	278.9 × 371.9	173.6 × 231.4	120.7 × 160.9	84.4 × 112.6	52.1 × 69.4
500	408.5 × 544.7	308.9 × 411.8	192.8 × 257.0	134.4 × 179.2	94.1 × 125.4	58.5 × 77.9

9 Mega-Pixel Lens + Extension Tube

1" format
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 H: 12.8

Extension Tube Set (Macro Ring) FP-RGST (0.5mm, 1mm, 5mm, 10mm, 20mm and 40mm)	Position of Focus Ring	FL-BC1220-9M f=12mm F2.0		FL-BC1618-9M f=16mm F1.8		FL-BC2518-9M f=25mm F1.8		FL-BC3518-9M f=35mm F1.8		FL-BC5024-9M f=50mm F2.4		FL-BC7528-9M f=75mm F2.8				
		V x H (mm)		W.D.	V x H (mm)		W.D.	V x H (mm)		W.D.	V x H (mm)		W.D.	V x H (mm)		W.D.
		∞	minimum		∞	minimum		∞	minimum		∞	minimum		∞	minimum	
0.5mm	∞	230.9 × 307.9	276	307.4 × 409.8	497	479.8 × 639.8	1244	671.9 × 895.8	2455	959.9 × 1279.9	5015	1439.9 × 1919.9	11288			
	minimum	55.5 × 74.0	58	47.8 × 63.7	65	36.2 × 48.3	92	36.3 × 48.5	142	35.1 × 46.8	193	26.0 × 34.7	246			
1mm	∞	115.5 × 153.9	131	153.7 × 204.9	241	239.9 × 319.9	620	335.9 × 447.9	1231	479.9 × 639.9	2515	720.0 × 959.9	5664			
	minimum	44.9 × 59.9	45	41.3 × 55.1	55	33.8 × 45.0	86	34.5 × 46.0	136	33.8 × 45.1	187	25.5 × 34.0	243			
1.5mm(1+0.5)	∞	77.0 × 102.6	83	102.5 × 136.6	156	159.9 × 213.3	412	224.0 × 298.6	823	320.0 × 426.6	1682	480.0 × 640.0	3789			
	minimum	37.7 × 50.3	35	36.4 × 48.6	46	31.6 × 42.1	80	32.9 × 43.8	129	32.6 × 43.5	181	25.1 × 33.5	239			
5mm	∞	23.1 × 30.8	15	30.7 × 41.0	36	48.0 × 64.0	120	67.2 × 89.6	251	96.0 × 128.0	516	144.0 × 192.0	1165			
	minimum	17.8 × 23.7	10	19.9 × 26.5	19	21.8 × 29.1	54	24.7 × 32.9	99	26.2 × 34.9	148	22.4 × 29.9	218			
10mm	∞	-	-	15.4 × 20.5	10	24.0 × 32.0	58	33.6 × 44.8	129	48.0 × 64.0	266	72.0 × 96.0	602			
	minimum	-	-	12.1 × 16.1	6	15.1 × 20.2	36	18.2 × 24.2	74	20.5 × 27.3	119	19.4 × 25.9	194			
15mm(10+5)	∞	-	-	-	-	16.0 × 21.3	37	22.4 × 29.9	88	32.0 × 42.7	182	48.0 × 64.0	415			
	minimum	-	-	-	-	11.6 × 15.4	26	14.4 × 19.2	60	16.8 × 22.4	100	17.2 × 22.9	176			
20mm	∞	-	-	-	-	12.0 × 16.0	27	16.8 × 22.4	68	24.0 × 32.0	141	36.0 × 48.0	321			
	minimum	-	-	-	-	9.4 × 12.5	20	11.9 × 15.9	51	14.2 × 19.0	88	15.4 × 20.5	162			
25mm(20+5)	∞	-	-	-	-	9.6 × 12.8	20	13.4 × 17.9	55	19.2 × 25.6	116	28.8 × 38.4	265			
	minimum	-	-	-	-	7.9 × 10.5	16	10.2 × 13.5	44	12.3 × 16.5	78	13.9 × 18.5	150			
30mm(20+10)	∞	-	-	-	-	8.0 × 10.7	16	11.2 × 14.9	47	16.0 × 21.3	99	24.0 × 32.0	227			
	minimum	-	-	-	-	6.8 × 9.1	14	8.9 × 11.8	39	10.9 × 14.5	71	12.7 × 16.9	141			
35mm(20+10+5)	∞	-	-	-	-	6.9 × 9.1	13	9.6 × 12.8	41	13.7 × 18.3	87	20.6 × 27.4	200			
	minimum	-	-	-	-	6.0 × 8.0	11	7.9 × 10.5	36	9.8 × 13.0	65	11.7 × 15.6	133			
40mm	∞	-	-	-	-	6.0 × 8.0	11	8.4 × 11.2	37	12.0 × 16.0	78	18.0 × 24.0	180			
	minimum	-	-	-	-	5.3 × 7.1	10	7.1 × 9.4	33	8.8 × 11.8	60	10.8 × 14.4	126			
45mm(40+5)	∞	-	-	-	-	5.3 × 7.1	9	7.5 × 10.0	34	10.7 × 14.2	71	16.0 × 21.3	165			
	minimum	-	-	-	-	4.8 × 6.4	8	6.4 × 8.5	30	8.1 × 10.8	56	10.1 × 13.4	120			
50mm(40+10)	∞	-	-	-	-	4.8 × 6.4	8	6.7 × 9.0	31	9.6 × 12.8	66	14.4 × 19.2	152			
	minimum	-	-	-	-	4.4 × 5.8	7	5.9 × 7.8	28	7.4 × 9.9	53	9.4 × 12.6	115			

Please note:
 All calculataion value is based on the magnification.
 W.D. : Object-L1 vertex