

ML-MC-XR FOV chart

Extender (mm)	Model	ML-MC2518XR-18C		ML-MC3518XR-18C		ML-MC5020XR-18C		ML-MC9028XR-18C	
		f25mm		f35mm		f50mm		f90mm	
		Near	Far (400)	Near	Far (600)	Near	Far (600)	Near	Far (400)
0	1.1"	34.5 X 46.1		44.8 X 59.8		37.9 X 50.5		23.9 X 31.8	
	1"	31.4 X 41.9		40.7 X 54.3		34.4 X 45.9		21.7 X 28.9	
	2/3"	21.6 X 28.8		28.0 X 37.4		23.7 X 31.6		14.9 X 19.9	
	WD	70		150		180		330	
	Magnification	0.306X		0.236x		0.279X		0.443X	
0.5	1.1"	32.4 X 43.2	130.9 X 174.6	42.4 X 56.5	144.8 X 193.1	36.6 X 48.8	113.0 X 150.6	23.6 X 31.4	31.5 X 42.0
	1"	29.4 X 39.3	119.0 X 158.7	38.5 X 51.3	131.6 X 175.5	33.2 X 44.3	102.7 X 136.9	21.4 X 28.6	28.6 X 38.2
	2/3"	20.2 X 27.0	81.8 X 109.1	26.5 X 35.3	90.5 X 120.7	22.9 X 30.5	70.6 X 94.1	14.7 X 19.6	19.7 X 26.3
	WD	65	294.8	141.8	481.4	173.8	535.7	327.4	395.6
	Magnification	0.326X	0.081X	0.249x	0.073x	0.289X	0.093X	0.448X	0.335X
1	1.1"	30.5 X 40.6	104.5 X 139.4	40.1 X 53.4	121.0 X 161.3	35.3 X 47.1	101.9 X 135.9	23.3 X 31.0	31.0 X 41.3
	1"	27.7 X 37.0	95.0 X 126.7	36.4 X 48.6	110.0 X 146.7	32.1 X 42.8	92.7 X 123.6	21.2 X 28.2	28.2 X 37.6
	2/3"	19.1 X 25.4	65.3 X 87.1	25.0 X 33.4	75.6 X 100.8	22.1 X 29.5	63.7 X 85.0	14.5 X 19.4	19.4 X 25.8
	WD	60.5	233.3	134.2	402.5	167.9	483.4	324.9	391.2
	Magnification	0.346X	0.101X	0.264x	0.087x	0.299X	0.104X	0.454X	0.341X
1.5	1.1"	28.8 X 38.4	87.0 X 116.0	38.0 X 50.6	103.9 X 138.6	34.2 X 45.6	92.9 X 123.8	23.0 X 30.7	30.5 X 40.7
	1"	26.2 X 34.9	79.1 X 105.4	34.5 X 46.0	94.5 X 126.0	31.1 X 41.5	84.4 X 112.6	20.9 X 27.9	27.7 X 37.0
	2/3"	18.0 X 24.0	54.4 X 72.5	23.7 X 31.7	64.9 X 86.6	21.4 X 28.5	58.0 X 77.4	14.4 X 19.2	19.1 X 25.4
	WD	56.6	192.3	127.3	345.8	162.5	440.4	322.5	386.9
	Magnification	0.367X	0.121X	0.278x	0.102x	0.309X	0.114X	0.459X	0.346X
2	1.1"	27.3 X 36.4	74.5 X 99.3	36.1 X 48.2	91.0 X 121.4	33.1 X 44.2	85.3 X 113.7	22.7 X 30.3	30.0 X 40.0
	1"	24.8 X 33.1	67.7 X 90.3	32.8 X 43.8	82.8 X 110.4	30.1 X 40.2	77.5 X 103.4	20.7 X 27.5	27.3 X 36.4
	2/3"	17.1 X 22.7	46.5 X 62.0	22.6 X 30.1	56.9 X 75.9	20.7 X 27.6	53.3 X 71.1	14.2 X 18.9	18.8 X 25.0
	WD	53.1	163.1	121.1	303.2	157.4	404.6	320.2	382.8
	Magnification	0.387X	0.142X	0.292x	0.116x	0.319X	0.124X	0.465X	0.352X
5	1.1"	20.8 X 27.7	39.9 X 53.2	27.9 X 37.2	52.2 X 69.7	27.9 X 37.2	57.4 X 76.5	21.2 X 28.3	27.4 X 36.6
	1"	18.9 X 25.2	36.3 X 48.3	25.4 X 33.8	47.5 X 63.3	25.3 X 33.8	52.2 X 69.6	19.3 X 25.7	24.9 X 33.2
	2/3"	13.0 X 17.3	24.9 X 33.2	17.4 X 23.3	32.7 X 43.5	17.4 X 23.2	35.9 X 47.8	13.3 X 17.7	17.1 X 22.9
	WD	37.8	82.4	93.9	174.6	132.6	272.3	307.2	360.6
	Magnification	0.509X	0.265X	0.378x	0.202x	0.379X	0.184X	0.498X	0.385X
10	1.1"	14.8 X 19.8	22.6 X 30.1	20.3 X 27.0	30.6 X 40.8	22.0 X 29.4	37.1 X 49.5	19.1 X 25.4	24.0 X 32.0
	1"	13.5 X 18.0	20.5 X 27.4	18.4 X 24.6	27.8 X 37.0	20.0 X 26.7	33.7 X 45.0	17.3 X 23.1	21.8 X 29.1
	2/3"	9.3 X 12.4	14.1 X 18.8	12.7 X 16.9	19.1 X 25.5	13.8 X 18.4	23.2 X 30.9	11.9 X 15.9	15.0 X 20.0
	WD	24	42.1	68.6	102.7	105	176.2	289	331.1
	Magnification	0.711X	0.468X	0.521x	0.345x	0.479X	0.285X	0.553X	0.440X
15	1.1"	11.6 X 15.4	15.8 X 21.0	15.9 X 21.2	21.6 X 28.8	18.2 X 24.3	27.4 X 36.6	17.3 X 23.1	21.3 X 28.4
	1"	10.5 X 14.0	14.3 X 19.1	14.5 X 19.3	19.7 X 26.2	16.6 X 22.1	25.0 X 33.3	15.8 X 21.0	19.4 X 25.8
	2/3"	7.2 X 9.6	9.8 X 13.1	9.9 X 13.3	13.5 X 18.0	11.4 X 15.2	17.2 X 22.9	10.8 X 14.5	13.3 X 17.8
	WD	16.4	26.2	54.2	73.1	86.9	130.5	274.2	308.1
	Magnification	0.913X	0.670X	0.664x	0.488x	0.579X	0.385X	0.609X	0.496X
20	1.1"	9.5 X 12.6	12.1 X 16.1	13.1 X 17.5	16.7 X 22.3	15.6 X 20.7	21.8 X 29.0	15.9 X 21.2	19.2 X 25.6
	1"	8.6 X 11.5	11.0 X 14.7	11.9 X 15.9	15.2 X 20.3	14.1 X 18.9	19.8 X 26.4	14.5 X 19.3	17.4 X 23.2
	2/3"	5.9 X 7.9	7.6 X 10.1	8.2 X 10.9	10.5 X 13.9	9.7 X 13.0	13.6 X 18.1	9.9 X 13.3	12.0 X 16.0
	WD	11.5	17.6	44.9	56.9	74.2	103.7	261.8	289.7
	Magnification	1.114X	0.872X	0.806x	0.631x	0.679X	0.485X	0.664X	0.551X
25	1.1"	8.0 X 10.7	9.8 X 13.1	11.1 X 14.8	13.7 X 18.2	13.6 X 18.1	18.1 X 24.1	14.7 X 19.6	17.4 X 23.2
	1"	7.3 X 9.7	8.9 X 11.9	10.1 X 13.5	12.4 X 16.5	12.3 X 16.4	16.4 X 21.9	13.3 X 17.8	15.8 X 21.1
	2/3"	5.0 X 6.7	6.1 X 8.2	7.0 X 9.3	8.5 X 11.4	8.5 X 11.3	11.3 X 15.0	9.2 X 12.2	10.9 X 14.5
	WD	8.1	12.4	38.3	46.7	64.8	86	251.3	274.8
	Magnification	1.315X	1.073X	0.948x	0.774x	0.779X	0.585X	0.719X	0.606X
30	1.1"	7.0 X 9.3	8.3 X 11.0	9.7 X 12.9	11.5 X 15.4	12.0 X 16.0	15.4 X 20.6	13.6 X 18.2	16.0 X 21.3
	1"	6.3 X 8.4	7.5 X 10.0	8.8 X 11.7	10.5 X 14.0	10.9 X 14.6	14.0 X 18.7	12.4 X 16.5	14.5 X 19.3
	2/3"	4.4 X 5.8	5.2 X 6.9	6.1 X 8.1	7.2 X 9.6	7.5 X 10.0	9.6 X 12.8	8.5 X 11.4	10.0 X 13.3
	WD	5.7	8.7	33.5	39.7	57.5	73.6	242.3	262.3
	Magnification	1.515X	1.275X	1.090x	0.916x	0.879X	0.685X	0.775X	0.662X
35	1.1"		7.2 X 9.5	8.6 X 11.4	10.0 X 13.3	10.8 X 14.4	13.5 X 17.9	12.7 X 17.0	14.7 X 19.6
	1"		6.5 X 8.7	7.8 X 10.4	9.1 X 12.1	9.8 X 13.1	12.2 X 16.3	11.6 X 15.4	13.4 X 17.9
	2/3"		4.5 X 6.0	5.4 X 7.1	6.2 X 8.3	6.7 X 9.0	8.4 X 11.2	8.0 X 10.6	9.2 X 12.3
	WD		6.1	29.9	34.5	51.7	64.3	234.6	251.7
	Magnification		1.475X	1.232x	1.058x	0.978X	0.785X	0.830X	0.717X
40	1.1"			7.7 X 10.3	8.8 X 11.7	9.8 X 13.1	11.9 X 15.9	11.9 X 15.9	13.7 X 18.2
	1"			7.0 X 9.3	8.0 X 10.7	8.9 X 11.9	10.9 X 14.5	10.8 X 14.5	12.4 X 16.6
	2/3"			4.8 X 6.4	5.5 X 7.3	6.1 X 8.2	7.5 X 9.9	7.5 X 9.9	8.5 X 11.4
	WD			26.9	30.6	46.9	57.1	227.8	242.7
	Magnification			1.373x	1.199x	1.078X	0.884X	0.885X	0.772X
45	1.1"			6.7 X 9.0	7.9 X 10.5	9.0 X 12.0	10.7 X 14.3	11.2 X 15.0	12.8 X 17.0
	1"			6.1 X 8.2	7.2 X 9.5	8.2 X 10.9	9.8 X 13.0	10.2 X 13.6	11.6 X 15.5
	2/3"			4.2 X 5.6	4.9 X 6.6	5.6 X 7.5	6.7 X 8.9	7.0 X 9.4	8.0 X 10.6
	WD			23.8	27.5	43	51.3	221.8	234.9
	Magnification			1.568x	1.341x	1.178X	0.984X	0.940X	0.827X
50	1.1"			6.4 X 8.5	7.1 X 9.5	8.1 X 10.7	9.7 X 13.0	10.6 X 14.1	12.0 X 16.0
	1"			5.8 X 7.7	6.5 X 8.6	7.3 X 9.8	8.9 X 11.8	9.6 X 12.9	10.9 X 14.5
	2/3"			4.0 X 5.3	4.5 X 5.9	5.0 X 6.7	6.1 X 8.1	6.6 X 8.8	7.5 X 10.0
	WD			22.6	25.1	38.7	46.7	216.4	228
	Magnification			1.653x	1.482x	1.312X	1.084X	0.995X	0.883X

Image quality could not meet optical specification. Please be careful.

※Indicated values are based on calculation and actual measurements may differ. Please use values as a reference.

※Accuracy of the products is guaranteed only when used without additional attachments. Please note that when using in combination with a close-up ring or other equipment, working distance, distortion and image quality may be distorted due to enlargement of the lens tolerance.