

HF-12M Series : FUJINON Lens shooting range chart

06/29/2020
Ver.1.00

HF818-12M

Working Distance [mm]	Optical Magnification	Extension Ring	Field of View [mm]													
			1°		1/1.2°		2/3°		1/1.8°		1/2°		1/2.5°		1/3°	
			H	V	H	V	H	V	H	V	H	V	H	V	H	V
1000	0.008x	-	-	-	-	-	1099.2	818.1	883.8	660.3	793.0	593.1	705.7	528.2	593.1	444.2
950	0.009x	-	-	-	-	-	1045.0	777.8	840.2	627.7	753.9	563.8	670.9	502.2	563.8	422.3
900	0.009x	-	-	-	-	-	990.8	737.4	796.6	595.2	714.8	534.6	636.1	476.1	534.6	400.4
850	0.009x	-	-	-	-	-	936.6	697.1	753.0	562.6	675.7	505.3	601.4	450.1	505.3	378.5
800	0.010x	-	-	-	-	-	882.4	656.8	709.5	530.1	636.6	476.1	566.6	424.0	476.1	356.6
750	0.011x	-	-	-	-	-	828.3	616.4	665.9	497.5	597.5	446.8	531.8	398.0	446.8	334.7
700	0.011x	-	-	-	-	-	774.1	576.1	622.3	465.0	558.4	417.6	497.0	371.9	417.6	312.8
650	0.012x	-	-	-	-	-	719.9	535.8	578.8	432.4	519.3	388.4	462.2	345.9	388.4	290.9
600	0.013x	-	-	-	-	-	665.7	495.4	535.2	399.8	480.2	359.1	427.4	319.8	359.1	269.0
550	0.015x	-	-	-	-	-	611.5	455.1	491.6	367.3	441.1	329.9	392.6	293.8	329.9	247.0
500	0.016x	-	-	-	-	-	557.4	414.8	448.1	334.7	402.0	300.6	357.8	267.7	300.6	225.1
450	0.018x	-	-	-	-	-	503.2	374.4	404.5	302.2	362.9	271.4	323.0	241.7	271.4	203.2
400	0.020x	-	-	-	-	-	449.0	334.1	360.9	269.6	323.8	242.1	288.2	215.7	242.1	181.3
350	0.023x	-	-	-	-	-	394.8	293.8	317.4	237.0	284.7	212.9	253.4	189.6	212.9	159.4
300	0.026x	-	-	-	-	-	340.6	253.4	273.8	204.5	245.6	183.6	218.6	163.6	183.6	137.5
250	0.031x	-	-	-	-	-	286.4	213.1	230.2	171.9	206.5	154.4	183.8	137.5	154.4	115.6
200	0.038x	-	-	-	-	-	232.2	172.7	186.6	139.4	167.4	125.1	149.0	111.4	125.1	93.7
150	0.050x	-	-	-	-	-	178.0	132.4	143.0	106.8	128.3	95.9	114.1	85.4	95.9	71.8
100	0.072x	-	-	-	-	-	123.8	92.0	99.4	74.2	89.2	66.6	79.3	59.3	66.6	49.9

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Working Distance [mm]	Optical Magnification	Extension Ring	Field of View [mm]															
			1°		1/1.2°		2/3°		1/1.8°		1/2°		1/2.5°		1/3°			
			H	V	H	V	H	V	H	V	H	V	H	V	H	V		
1000	0.016x	-	-	-	-	685.1	513.5	562.2	421.3	454.6	340.7	408.5	306.2	364.0	272.8	306.2	229.6	
950	0.016x	-	-	-	-	651.5	498.4	534.7	400.7	432.3	324.0	388.5	291.2	346.2	255.9	291.2	218.3	
900	0.017x	-	-	-	-	618.0	483.2	507.1	380.0	410.1	307.3	368.5	276.2	328.3	246.1	276.2	207.1	
850	0.018x	-	-	-	-	584.5	468.1	479.6	359.4	387.8	290.7	348.5	261.2	310.5	232.8	261.2	195.8	
800	0.020x	-	-	-	-	551.0	453.0	452.1	338.8	365.6	274.0	328.5	246.2	292.7	219.4	246.2	184.6	
750	0.021x	-	-	-	-	517.5	437.8	424.6	318.2	343.3	257.3	308.5	231.2	274.9	206.0	231.2	173.4	
700	0.022x	-	-	-	-	484.0	422.7	397.1	297.5	321.1	240.6	288.5	218.2	257.1	192.7	218.2	162.1	
650	0.024x	-	-	-	-	450.4	407.6	369.6	276.9	298.8	223.9	268.5	201.2	239.2	179.3	201.2	150.9	
600	0.026x	-	-	-	-	416.9	392.4	342.1	256.3	276.6	207.2	248.5	186.2	221.4	166.0	186.2	139.6	
550	0.028x	-	-	-	-	383.4	377.3	314.5	235.7	254.3	190.6	228.5	171.3	203.6	152.6	171.3	128.4	
500	0.031x	-	-	-	-	349.9	362.1	287.0	215.0	232.0	173.9	208.5	156.3	185.8	139.2	156.3	117.1	
450	0.034x	-	-	-	-	316.3	347.0	259.5	194.4	209.8	157.2	188.5	141.3	167.9	125.9	141.3	105.9	
400	0.038x	-	-	-	-	282.8	331.8	232.0	173.8	187.5	140.5	168.5	126.3	150.1	112.5	126.3	94.6	
350	0.043x	-	-	-	-	249.3	316.7	204.4	153.1	165.2	123.8	148.5	111.3	132.3	99.1	111.3	83.4	
300	0.050x	-	-	-	-	215.7	301.6	176.9	132.5	143.0	107.1	128.5	96.3	114.4	85.6	96.3	72.1	
250	0.059x	-	-	-	-	182.1	286.4	149.3	111.8	120.7	90.4	108.4	81.2	96.6	72.4	81.2	60.9	
200	0.073x	-	-	-	-	148.6	271.2	121.8	91.2	98.4	78.7	88.4	66.2	78.7	59.0	66.2	49.6	
150	0.094x	-	-	-	-	114.9	256.0	94.2	70.5	76.1	57.0	68.3	51.2	60.9	45.6	51.2	38.4	
100	0.133x	-	-	-	-	81.2	240.7	60.7	46.5	49.7	53.7	40.2	48.2	36.1	42.9	32.2	36.1	27.1

HF3520-12M

Working Distance [mm]	Optical Magnification	Extension Ring	Field of View [mm]													
			1°		1/1.2°		2/3°		1/1.8°		1/2°		1/2.5°		1/3°	
			H	V	H	V	H	V	H	V	H	V	H	V	H	V
1000	0.034x	-	380.8	285.5	318.8	239.1	261.7	196.2	211.7	158.8	190.3	142.7	169.6	127.2	142.7	107.0
950	0.035x	-	362.1	271.4	303.2	227.3	248.8	186.6	201.3	150.9	180.9	135.7	161.2	120.9	135.7	101.7
900	0.037x	-	343.4	257.4	287.5	215.5	235.9	176.9	190.9	143.1	171.5	128.6	152.9	114.7	128.6	96.5
850	0.039x	-	324.6	243.3	271.8	203.8	223.0	167.2	180.4	135.3	162.2	121.6	144.5	108.4	121.6	91.2
800	0.042x	-	305.9	229.3	256.1	192.0	210.2	157.6	170.0	127.5	152.8	114.6	136.2	102.1	114.6	85.9
750	0.045x	-	287.1	215.2	240.4	180.2	197.3	147.9	159.6	119.7	143.4	107.6	127.8	95.9	107.6	80.7
700	0.048x	-	268.4	201.2	224.7	168.4	184.4	138.3	149.2	111.8	134.1	100.5	119.5	89.6	100.5	75.4
650	0.051x	-	249.6	187.1	209.0	156.7	171.5	128.6	138.7	104.0	124.7	93.5	111.1	83.3	93.5	70.1
600	0.056x	-	230.9	173.0	193.3	144.9	158.6	118.9	128.3	96.2	115.3	86.5	102.8	77.1	86.5	64.8
550	0.060x	-	212.1	159.0	177.5	133.1	145.7	109.2	117.8	88.4	105.9	79.4	94.4	70.8	79.4	59.6
500	0.066x	-	193.3	144.9	161.8	121.3	132.8	99.5	107.4	80.5	96.5	72.4	86.0	64.5	72.4	54.3
450	0.074x	-	174.5	130.8	146.1	109.5	119.8	89.8	96.9	72.7	87.1	65.3	77.6	58.2	65.3	49.0
400	0.082x	-	155.7	116.6	130.3	97.7	106.9	80.1	86.5	64.8	77.7	58.3	69.2	51.9	58.3	43.7
350	0.094x	-	136.9	102.5	114.5	85.8	93.9	70.4	76.0	57.0	68.3	51.2	60.8	45.6	51.2	38.4
300	0.109x	-	117.9	88.3	98.7	73.9	80.9	60.7	65.5	49.1	58.8	44.1	52.4	39.3	44.1	33.1
250	0.130x	-	99.0	74.1	82.8	62.0	67.9	50.9	54.9	41.1	49.3	37.0	44.0	33.0	37.0	27.7
200	0.161x	-	79.8	59.7	66.8	50.0	54.7	41.0	44.3	33.2	39.8	29.8	35.4	26.6	29.8	22.4
150	0.210x	2	61.2	45.8	51.2	38.3	42.0	31.4	33.9	25.4	30.5	22.8	27.2	20.4	22.8	17.1
100	0.304x	10	42.4	31.7	35.4	26.5	29.0	21.7	23.5	17.6	21.1	15.8	18.8	14.1	15.8	11.8

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Working Distance [mm]	Optical Magnification	Extension Ring	Field of View [mm]															
			1°		1/1.2°		2/3°		1/1.8°		1/2°		1/2.5°		1/3°			
			H	V	H	V	H	V	H	V	H	V	H	V	H	V		
1000	0.012x	-	-	-	-	-	884.7	664.8	727.4	546.0	589.0	441.9	529.5	397.3	472.0	354.1	397.3	297.9
950	0.013x	-	-	-	-	-	841.3	632.2	691.7	519.2	560.1	420.3	503.5	377.8	448.9	336.7	377.8	283.3
900	0.013x	-	-	-	-	-	797.9	599.6	656.0	492.5	531.2	398.6	477.6	358.3	425.7	319.3	358.3	268.7
850	0.014x	-	-	-	-	-	754.5	567.0	620.3	465.7	502.3	376.9	451.6	338.8	402.5	302.0	338.8	254.1
800	0.015x	-	-	-	-	-	711.2	534.4	584.6	438.9	473.4	355.2	425.6	319.3	379.4	284.6	319.3	239.4
750	0.016x	-	-	-	-	-	667.8	501.7	549.0	412.1	444.5	333.5	399.6	299.8	356.2	267.2	299.8	224.8
700	0.017x	-	-	-	-	-	624.4	469.1	513.3	385.3	415.6	311.8	373.6	280.3	333.0	249.8	280.3	210.2
650	0.018x	-	-	-	-	-	581.0	436.5	477.6	358.5	386.7	290.1	347.6	260.8	309.9	232.4	260.8	195.6
600	0.020x	-	-	-	-	-	537.6	403.9	441.9	331.7	357.8	268.4	321.6	241.3	286.7	215.1	241.3	180.9
550	0.022x	-	-	-	-	-	494.3	371.3	406.2	304.9	328.9	246.7	295.7	221.8	263.5	197.7	221.8	166.3
500	0.024x	-	-	-	-	-	450.9	338.7	370.6	278.1	300.0	225.0	269.7	202.3	240.4	180.3	202.3	151.7
450	0.026x	-	-	-	-	-	407.5	306.0	334.9	2								