

### Magnification of the macro extension tube

The shooting distance and shooting magnification change according to the position of the focus ring.  
The following table shows reference values for when the focus ring is on the nearest side.

	Lens	Lens only			MCEX-11 Mounted			MCEX-16 Mounted		
		Max.Magnification	Working distance(mm)	Shortest shooting distance(mm)	Max.Magnification	Working distance(mm)	Shortest shooting distance(mm)	Max.Magnification	Working distance(mm)	Shortest shooting distance(mm)
Prime Lens	XF14mmF2.8 R	0.12	103	180	0.88	3	91			
	XF16mmF1.4 R WR	0.21	59	150	0.91	1	103			
	XF16mmF2.8 R	0.13	106	170	0.84	9	84	1.16	4	84
	XF18mmF2.8 R	0.14	128	180	0.74	25	88	1.01	18	86
	XF23mmF1.4 R	0.1	199	280	0.60	20	113	0.83	10	108
	XF23mmF1.4 R WR	0.13	150	220	0.66	25	107	0.90	17	103
	XF27mmF2.8	0.1	299	340	0.48	76	129	0.66	60	118
	XF27mmF2.8 R WR	0.1	299	340	0.48	76	129	0.66	60	118
	XF35mmF1.4 R	0.17	211	280	0.47	73	153	0.61	55	140
	XF35mmF2.8 R WR	0.135	286	350	0.44	100	175	0.57	80	160
	XC35mmF2	0.135	286	350	0.44	100	175	0.57	80	160
	XF50mmF1.0 R WR	0.078	578	700	0.31	125	258	0.42	86	225
	XF50mmF2.8 R WR	0.153	312	390	0.40	131	220	0.51	106	200
	XF56mmF1.2 R	0.09	612	700	0.29	181	281	0.39	138	242
	XF80mmF2.4 R Macro	0.5	185	267	0.68	153	246	0.76	143	241
	XF80mmF2.8 R LM OIS WR Macro	1.0	98	246	1.19	89	249	1.27	86	250
	XF90mmF2.8 R WR	0.2	477	600	0.34	317	452	0.40	280	419
	XF200mmF2.8 R LM OIS WR	0.12	1566	1790	0.18	1,061	1,296	0.21	929	1169
Zoom Lens	XF8-16mmF2.8 R LM WR	0.06(W)	110	250						
		0.10(T)	110	250						
		0.07(W)	135	240						
	XF10-24mmF4 R OIS	0.16(T)	135	240	0.63	24	140	0.85	14	136
	XF10-24mmF4 R OIS WR	0.07(W)	135	240						
		0.16(T)	135	240	0.63	24	140	0.85	14	136
		0.08(W)	211	300	0.69	11	111	0.97	4	109
	XF18-55mmF2.8-4 R LM OIS	0.15(T)	284	400	0.37	91	219	0.47	63	195
		0.06(W)	964	1100	0.26	205	352	0.35	149	301
	XF55-200mmF3.5-4.8 R LM OIS	0.18(T)	905	1100	0.25	665	872	0.28	595	807
		0.06(W)	243	350	0.74	0.3	119			
	XF16-80mmF4 R OIS WR	0.25(T)	200	350	0.41	94	255	0.49	69	235
		0.05(W)	334	450	0.66	4	131			
	XF18-135mmF3.5-5.6 R LM OIS WR	0.27(T)	274	450	0.39	171	359	0.45	143	336
		0.08(W)	175	300						
	XF16-55mmF2.8 R LM WR	0.15(T)	252	400	0.38	64	223	0.48	36	200
		0.06(W)	806	1000	0.28	126	332	0.38	80	290
	XF50-140mmF2.8 R LM OIS WR	0.12(T)	806	1000	0.23	398	603	0.28	318	528
		0.10(W)	678.8	830	0.26	253	416	0.34	198	365
	XF70-300mmF4-5.6 R LM OIS WR	0.33(T)	605.8	830	0.40	522	757	0.43	492	732
		0.06(W)	1521	1750	0.18	504	744	0.23	380	625
	XF100-400mmF4.5-5.6 R LM OIS WR	0.19(T)	1462	1750	0.24	1,216	1,516	0.26	1135	1440
		0.24(W)	47	130						
	XC15-45mmF3.5-5.6 OIS PZ	0.16(T)	270	350	0.42	104	196	0.55	83	179
	0.07(W)	217	300	0.75	9	104	1.06	2	102	
XC16-50mmF3.5-5.6 OIS I	0.15(T)	283	400	0.38	88	216	0.49	61	194	
	0.2(W)	67	150	0.91	4	99				
XC16-50mmF3.5-5.6 OIS II	0.17(T)	233	350	0.41	79	207	0.52	55	188	
	0.05(W)	971	1100	0.27	174	315	0.37	125	270	
XC50-230mmF4.5-6.7 OIS I & II	0.2(T)	905	1100	0.27	700	907	0.29	636	848	

Working Distance: Distance from the top of the lens barrel to the subject

Shortest shooting distance: Distance from the image sensor to the subject

Shooting inability area