



28mm f/2.5 MC ROKKOR

Lens construction: 9 elements, 7 groups
Apertures: 2.5~16, intermediate stops from f/4

Nearest focus: 0.5m (1.75 ft)
Ratio of object to image size at nearest focusing distance: 1:12 (0.83X)

Focusing distance, one head, vertical: 0.5m (1.75 ft)—subject to perspective distortion

Focusing distance, two heads, horizontal: 0.5m (1.75 ft)—subject to perspective distortion

Focusing distance, one to three persons

(6 ft) standing: 1.7m (5.5 ft)
Angles of view: Diagonal: 76°
 Horizontal: 65°
 Vertical: 46°

Ratio of image size at infinity to image of standard lens (55 or 58mm = 1): 1:2 (0.5X)

Screw-in filter mount diameter: 55mm
Lens hood: Exclusive angle (Minolta-type)

Replacement lens cap: 57mm
Weight: 364g (12.8 oz)

Close-Up Data

Extension Rings	Magnification	Distance Range—Subject to Film
50mm Macro ring (+25mm)	0.91~1.01X	149.99~149.74mm
100mm Macro ring (+50mm)	1.77~1.87X	161.19 ~ 159.21mm
Reverse adapter	2.3X	169.9mm (6.69")

Bellows Data	Auto Bellows I	Auto Bellows II	Bellows III
a. Distance to subject from lens edge (normal position)	8.70~0.00mm	749.00~0.00mm	10.36~0.00mm
Magnification (image ratio) range	1.38~2.38×	1.47~2.38×	1.27~2.38×
b. Distance to subject from lens edge set at infinity (reversed)	44.31~39.92mm	44.15~40.46mm	44.47~39.87mm
Magnification (image ratio) range	3.44~7.47×	3.53~6.66×	3.33~7.54

DEPTH-OF-FIELD TABLES FOR 28mm f/2.5 MC ROKKOR

Dis (ft) \ F No	2.5	3.5	4	5.6	8	11	16
∞	31' ∞	∞ 22' 3"	∞ 19' 11"	∞ 14' 2"	∞ 10' 1"	∞ 7' 2"	∞ 5' 2"
20	55' 1" 12' 3"	188' 10' 8"	∞ 10' 1"	∞ 8' 4 1/4"	∞ 6' 9 3/4"	∞ 5' 4 3/8"	∞ 4' 2"
10	14' 6" 7' 7 1/2"	17' 9" 6' 11 1/2"	19' 6" 6' 9 1/4"	32' 5" 6' 0"	∞ 5' 1 1/4"	∞ 4' 3 3/8"	∞ 3' 6 1/2"
7	8' 11" 5' 9 3/8"	10' 0" 5' 4 3/8"	10' 6" 5' 3 3/4"	13' 3 1/4" 4' 9 1/2"	21' 4" 4' 3"	171' 3' 8"	∞ 3' 1"
5	5' 10" 4' 4 3/8"	6' 3 3/8" 4' 1 1/4"	6' 6" 5' 0"	7' 5 3/8" 3' 9 1/2"	9' 4 1/4" 3' 5 3/8"	14' 10" 3 3/8"	101' 2' 7"
4	4' 6 1/2" 3' 7 1/4"	4' 9 3/8" 3' 5 3/8"	4' 10 1/2" 3' 4 3/4"	5' 4 3/8" 3' 2 3/8"	6' 3 1/4" 3' 0"	8' 3 3/8" 2' 8 1/4"	15' 4" 2' 4 1/2"
3	3' 3 3/4" 2' 9 1/4"	3' 4 3/4" 2' 8 1/4"	3' 5 1/4" 2' 7 1/8"	3' 8" 2' 6 1/2"	4' 1/2" 2' 4 3/4"	4' 9" 2' 2 3/8"	6' 4 1/4" 2 1/2"
2.5	2' 8 1/2" 2' 4 1/2"	2' 9 1/4" 2' 3 1/2"	2' 9 3/8" 2' 3 1/4"	2' 11 1/8" 2' 2 1/4"	3' 1 1/8" 2' 1"	3' 6 1/2" 1' 11"	4' 3 3/8" 1' 9 1/2"
2	2' 1 1/4" 1' 11"	2' 1" 1' 10 3/8"	2' 2" 1' 10 1/4"	2' 3" 1' 9 3/8"	2' 4 3/8" 1' 8 3/4"	2' 6" 1' 7 3/4"	2' 11 1/8" 1' 6 1/2"
1.5	1' 6" 1' 5 3/8"	1' 6 3/4" 1' 5 1/4"	1' 7" 1' 5 1/2"	1' 7 3/8" 1' 4 3/4"	1' 8 3/8" 1' 4 1/4"	1' 9 3/8" 1' 3 3/4"	1' 11" 1' 3"

Dis m \ F No	2.5	3.5	4	5.6	8	11	16
∞	∞ 9.45	∞ 6.78	∞ 6.07	∞ 4.31	∞ 3.07	∞ 2.19	∞ 1.57
5	10.4 3.31	18.5 2.94	27 2.78	∞ 2.35	∞ 1.94	∞ 1.56	∞ 1.22
3	4.32 2.31	5.35 2.13	5.75 2.04	9.37 1.81	90.8 1.56	∞ 1.30	∞ 1.06
2	2.49 1.67	2.78 1.57	2.90 1.53	3.58 1.40	5.36 1.25	18.9 1.08	∞ 0.92
1.5	1.75 1.31	1.89 1.25	1.94 1.23	2.21 1.14	2.76 1.04	4.31 0.93	22.6 0.81
1.2	1.35 1.08	1.43 1.04	1.46 1.02	1.60 0.97	1.86 0.90	2.43 0.81	4.37 0.72
1.0	1.10 0.92	1.15 0.89	1.17 0.88	1.25 0.84	1.40 0.78	1.69 0.72	2.42 0.65
0.8	0.86 0.75	0.89 0.74	0.90 0.73	0.95 0.70	1.03 0.66	1.17 0.62	1.45 0.57
0.6	0.63 0.57	0.65 0.56	0.65 0.56	0.67 0.54	0.71 0.52	0.77 0.50	0.87 0.47
0.5	0.52 0.48	0.53 0.47	0.53 0.47	0.55 0.46	0.57 0.45	0.60 0.43	0.66 0.41