



21mm f/2.8 MC ROKKOR

Lens construction: 12 elements, 9 groups
Apertures: 2.8~16, intermediate click-stops
Nearest focus: 0.25m (0.8 ft)
Ratio of object to image size at nearest focusing distance: 1:5.7 (0.175X)
Focusing distance, one head, vertical: 0.3m (1 ft)—subject to perspective distortion
Focusing distance, two heads, horizontal: 0.37m (1.2 ft)—subject to perspective distortion

Focusing distance, one to three persons (6 ft) standing: 1.2m (4 ft)
Angles of view: Diagonal: 92°
 Horizontal: 81° 30'
 Vertical: 60°
Ratio of image size at infinity to image of standard lens (55 or 58mm = 1): 1:2.5 (0.4X)
Screw-in filter mount diameter: 72mm
Lens hood: Exclusive angle (Minolta-type)
Weight: 510g (18 oz)

DEPTH-OF-FIELD TABLES FOR 21mm f/2.8 MC ROKKOR

(in feet)

| Dis (ft) \ F No. | 2.8 | 4 | 5.6 | 8 | 11 | 16 |
|------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ∞ | ∞ 16'33" | ∞ 11' 9" | ∞ 8' 4 1/8" | ∞ 6' 1/8" | ∞ 4' 3 3/8" | ∞ 3' 1 3/8" |
| 6 | 9' 2" 4' 5 3/4" | 11' 7" 4' 1 1/8" | 19' 2" 3' 7 1/8" | 363" 3' 1 3/8" | ∞ 2' 7 5/8" | ∞ 2'2" |
| 3 | 3' 6 3/8" 2' 7 1/8" | 3'10 1/8" 2' 5 5/8" | 4' 4 3/8" 2' 3 3/8" | 5' 5 1/8" 2' 1 3/8" | 8' 4 3/8" 1'10 1/4" | 41'4" 1' 7 1/8" |
| 2 | 2' 2 1/2" 1' 9 1/8" | 2' 3 3/8" 1' 9 1/4" | 2' 5 1/8" 1' 8 1/2" | 2' 8 3/8" 1' 7 1/8" | 3' 3 1/8" 1' 5 3/4" | 4' 6 1/8" 1' 4 1/8" |
| 1.5 | 1' 7 1/8" 1' 4 3/8" | 1' 7 3/4" 1' 4 1/2" | 1' 8 1/2" 1' 4" | 1' 9 3/8" 1' 3 3/8" | 2' 1/4" 1'2 1/2" | 2' 4 3/4" 1' 1 1/2" |
| 1.25 | 1' 3 3/4" 1' 2 1/4" | 1' 4 1/8" 1' 2 1/8" | 1' 4 1/2" 1'1 5/8" | 1' 5 3/8" 1'1 1/4" | 1' 6 5/8" 1' 5/8" | 1' 8 1/8" 11 1/8" |
| 1 | 1' 3 3/8" 11 1/2" | 1' 1 1/2" 11 3/8" | 1' 3/4" 11 1/4" | 1'1 1/4" 11" | 1' 1 1/8" 10 5/8" | 1' 2 1/8" 10 3/8" |

(in meters)

| Dis (m) \ F No. | 2.8 | 4 | 5.6 | 8 | 11 | 16 |
|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ∞ | ∞ 4.98 | ∞ 3.60 | ∞ 2.57 | ∞ 1.83 | ∞ 1.82 | ∞ 0.95 |
| 5 | ∞ 2.53 | ∞ 2.13 | ∞ 1.73 | ∞ 1.37 | ∞ 1.07 | ∞ 0.82 |
| 2 | 3.23 1.46 | 4.27 1.32 | 8.28 1.16 | ∞ 1.00 | ∞ 0.83 | ∞ 0.68 |
| 1 | 1.21 0.85 | 1.32 0.81 | 1.53 0.75 | 1.99 0.68 | 3.49 0.61 | ∞ 0.51 |
| 0.7 | 0.79 0.63 | 0.83 0.61 | 0.90 0.58 | 1.03 0.54 | 1.30 0.49 | 2.10 0.44 |
| 0.5 | 0.54 0.47 | 0.56 0.46 | 0.58 0.44 | 0.63 0.42 | 0.71 0.39 | 0.87 0.36 |
| 0.4 | 0.42 0.38 | 0.43 0.37 | 0.45 0.36 | 0.47 0.35 | 0.51 0.34 | 0.58 0.32 |
| 0.25 | 0.26 0.25 | 0.26 0.24 | 0.26 0.24 | 0.27 0.24 | 0.28 0.23 | 0.29 0.22 |