

HYPERFOCAL DISTANCE CHART

for 50% to infinity in
METRES

METRES	f2.8	f4	f5.6	f8	f11	f16	f22
16 mm	3.0	2.1	1.5	1.1	0.8	0.6	0.4
24mm	6.8	4.8	3.4	2.4	1.7	1.2	0.9
28mm	9.3	6.6	4.6	3.3	2.3	1.6	1.2
35mm	14.5	10.2	7.3	5.1	3.6	2.5	1.8
50mm	29.5	20.9	14.8	10.5	7.4	5.2	3.7
80mm	75.5	53.4	37.8	26.7	18.5	13.4	9.5
100mm	117.0	83.4	59.0	41.8	29.6	21.0	14.8
135mm	215.0	152	108	76	54	38	27
200mm	472	334	236	167	118	84	59

The closest distance at which a lens can be focused while keeping objects at infinity sharp.
ie. The maximum depth of field for a given combination of focal length and aperture. When the lens is focused at this distance, all objects at distances from half the hyper focal distance out to infinity will be acceptably sharp.

Test using live view and zoom in and check depth of field.