

# VFA1-110-5M50

50mm Focal Length

1" F1.4/50 C Mount				Working distance	Optical Magnification	1" Field of View(mm)		
Focal Length		f=50mm				mm	H	V
Max Diameter(RATIO)		F=1:1.4~16		1000	-0.05			
Picture Size		1"	2/3"			1/2"		
Angle	H	13.86°	9.56°	6.96°	900	-0.055	232.06	174.54
	V	10.4°	7.16°	5.3°				
	D	17.14°	12°	8.74°				
Object Dimension at M. O. D	H	79.34mm	54.2mm	39.32mm	800	-0.062	206.6	154.84
	V	59.27mm	40.56mm	29.44mm				
	D	100mm	68mm	49.2mm	700	-0.071	181.2	135.72
Distortion(TV)		0.1%	0.1%	0.1%	600	-0.083	155.76	116.6
Focus distance(min)		0.3M						
Flange back		17.526mm in air		500	-0.098	128.48	96	
Back focus		10.6						
Filter screw size		M46x0.75		400	-0.123	104.4	78.34	
Front/Rear Effective Dia		Φ30.5/Φ18						
Mount		C-Mount		300	-0.163	79.34	59.2	
Temperature Range		-10~+50° C						
Storage Temperature Range		-20~+60° C						

