

# VFA 1-230-5M50

50mm Focal Length

2/3" F1.4/50 C Mount			Working distance	Optical Magnification	2/3" Field of View(mm)	
Focal Length	f=50mm		mm	(X)	H	V
Max Diameter(RATIO)	F=1:1.4~C		2000	0.025	352.0	264.0
Picture Size	2/3"	1/2"	1000	0.051	172.5	129.4
Angle	H	10.46°	900	0.057	154.4	115.8
	V	7.86°	850	0.06	146.7	110.0
	D	13.04°	800	0.064	137.5	103.1
Object Dimension at M.O.D	H	46.80mm		750	0.068	129.4
	V	35.08mm		700	0.073	120.5
	D	58.54mm		650	0.079	111.4
Distortion(TV)	-0.8%	-0.4%	600	0.0858	102.6	76.9
Focus distance(min)	0.3M		550	0.094	93.6	70.2
Flange back	17.526mm in air		500	0.104	84.6	63.5
Back focus	12.4mm in air		450	0.116	75.9	56.9
Filter screw size	M37x0.5		400	0.131	67.2	50.4
Front/Rear Effective Dia	Front Φ24mm Rear Φ11.78mm		350	0.150	58.7	44.0
Mount	C-Mount		300	0.177	49.7	37.3
Temperature Range	-10~+50°C					
Storage Temperature Range	-20~+60°C					

