



1/1.7" F2.4/16 C Mount

Focal Length		f=50mm		Working distance	Optical Magnification	1/1.7" Field of View (7.44mmX5.62mm)		1/2" Field of View (6.22mmX4.67mm)			
Max Diameter (Ratio)		F=1:2.4~16									
Picture Size		1/1.7" (7.44mmX5.62mm)	1/2" (6.22mmX4.67mm)								
Angle	H	7.78°	6.48°	mm		H	V	H	V		
	V	5.20°	4.33°								
	D	9.47°	7.89°								
Object Dimension at 300mm	H	23.1mm	19.9mm	900	-0.059	125.50	94.72	104.78	78.68		
	V	17.5mm	15.0mm	800	-0.067	111.16	83.89	92.80	69.69		
	D	29.0mm	24.9mm	700	-0.077	96.80	73.05	80.81	60.68		
Distortion (TV)		<10.03%	<10.02%	650	-0.083	89.60	67.62	74.80	56.17		
Focus distance(min)		0.3m		600	-0.090	82.40	62.19	68.79	51.66		
Flange back		17.526mm in air		550	-0.099	75.18	56.74	62.76	47.13		
CRA		<5.4°		500	-0.110	67.95	51.28	56.73	42.60		
Filter screw size		M27 X P0.5		450	-0.122	60.69	45.81	50.67	38.05		
Relative illumination		>97.3%		400	-0.139	53.41	40.31	44.59	33.49		
Storage Temperature Range		-20~+60°C		350	-0.161	46.08	34.78	38.47	28.89		
Temperature Range		-10~+50°C		300	-0.192	38.69	29.21	32.31	24.26		
Ring thickness(mm)	1	Near	275.6	-0.213	34.95	26.38	29.18	21.91			
		Far	2720	-0.019	382.64	288.78	319.46	239.88			
	2	Near	255.4	-0.234	31.85	24.04	26.60	19.97			
		Far	1383	-0.039	191.93	144.85	160.24	120.32			
	5	Near	211.8	-0.296	25.17	19.00	21.02	15.78			
		Far	578	-0.097	77.09	58.17	64.36	48.32			
	10	Near	169.4	-0.400	18.67	14.09	15.58	11.70			
		Far	309	-0.193	38.70	29.20	32.30	24.25			
	20	Near	128.1	-0.605	12.30	9.29	10.28	7.72			
		Far	174.0	-0.384	19.38	14.64	16.21	12.17			
	Mount		C-Mount								
	分辨率(逆投影)		中心250lp/mm $\phi 8$: 100lp/mm		倍率范围		0.192X \rightarrow ∞ 小				
产品结构		8G		工作距离范围		300mm \rightarrow ∞ 远					
				TOLERANCE: LINEARITY TOLERANCES ± 0.05 ANGULAR TOLERANCES ARE $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE		三角法		材料(环保)		单位	比例
								mm		1:1	
设计		宗刚群		2020.10.22		名称		FA5011A 规格		页码	
校对						部番		FA5011A SPEC		1/1	
审核						商品代号				版本	
版本		处数		更改文件号		担当		变更日期		批准	
V0											