



1/1.8" F2.8 C Mount				Working distance	Optical Magnification	1/1.8" Field of View(mm)	
Focal Length		f=75mm		mm		H	V
F/NO		F=2.8-22		6000	0.013X	553.8	407.7
Image Size		1/1.8"(7.2x5.3mm)	1/2.5"(5.76x4.32mm)	1/3"(4.8x3.6mm)	5000	0.015X	480
Angle FOV	H	5.4	4.4	3.66	4000	0.019X	378.9
	V	4.04	3.3	2.75	3000	0.026X	276.9
	D	5.84	5.4	4.6	2000	0.039X	184.6
Object Dimension at WD.500mm	H	40.4	32.34	26.96	1500	0.053X	135.8
	V	29.8	24.26	20.22	1000	0.081X	88.9
	D	50.2	40.4	33.7	950	0.086X	83.7
Distortion (TV)		<0.05%		900	0.091X	79.1	58.2
Focus distance(min)		500mm		850	0.097X	74.2	54.6
Flange back		17.526mm in air		800	0.104X	69.2	51
Back focus		42.2-55.5mm in air		750	0.112X	64.3	47.3
Filter screw size		M30.5xP0.5		700	0.121X	59.5	43.8
Front/Rear Effective Dia		Front ϕ 24mm Rear ϕ 14.5mm		650	0.131X	55	40.5
Mount		C-Mount		600	0.144X	50	36.5
Temperature Range		-10~+50°C		550	0.159X	45.3	33.3
Storage Temperature Range		-20~+60°C		500	0.178X	44.4	29.8

				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		2:1	
				设计	朱周德	2016-09-05	名称	FA7501C规格图			
				校对				FA7501C-SPEC			
				标记	处数	更改文件号	担当	变更日期	批准	版本	
										V2	