





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	353.3	
Angle FOV	H	5.4	4.4	3.66	4000	0.019X	378.9	278.9
	V	4.04	3.3	2.75	3000	0.026X	276.9	203.8
	D	5.84	5.4	4.6	2000	0.039X	184.6	135.6
Object Dimension at WD.500mm	H	40.4	32.34	26.96	1500	0.053X	135.8	100
	V	29.8	24.26	20.22	1000	0.081X	88.9	65.4
	D	50.2	40.4	33.7	950	0.086X	83.7	61.6
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		2016-09-05		名称		规格图	
 1				2019,01,23						页码	
 1				2017,09,11						1/1	
标记 处数 更改文件号 担当 变更日期 批准								代号		SFA7528-5M	
										版本	
										V2	