



2/3" F2.8/12 C Mount				Working distance	Optical Magnification	2/3" Field of View(mm)				
Focal Length	f=12mm			mm		H	V			
Max Diameter (Ratio)	F=1:2.8~16			5000	0.002X	3641.7	2731.7			
Picture Size	2/3"(8.8×6.6mm)	1/2"(6.4×4.8mm)	1/3"(4.8×3.6mm)	2000	0.006X	1462	1096.5			
	H	39.8°	29.5°	22.3°	1000	0.012X	735.4	551.5		
	V	30.4°	22.3°	16.8°	900	0.013X	662.7	497		
Angle	D	48.5°	36.4°	27.7°	800	0.015X	590	442.5		
	H	153.8mm	111.9mm	83.8mm	700	0.017X	517.4	388		
	V	115.4mm	83.8mm	62.7mm	600	0.02X	444.7	306.3		
Object Dimension at 200mm	D	193.3mm	140.2mm	104.8mm	550	0.022X	408.4	306.3		
	Distortion (TV)			<0.2%	<0.1%	<0.03%	500	0.024X	372	279
	Focus distance(min)			0.1m	450	0.026X	335.7	251.8		
Flange back	17.526mm in air			400	0.029X	299.3	224.5			
	Back focus			13.8mm(min)	350	0.033X	263	197.2		
	Filter screw size			M27×0.5	300	0.039X	226.6	170		
Front/Rear Effective Dia			Front φ17.7mm    Rear φ8.65mm	250	0.046	190.2	142.7			
Mount			C-Mount	200	0.057X	153.8	115.4			
Temperature Range			-10~+50°C	150	0.075X	117.4	88			
Storage Temperature Range			-20~+60°C	100	0.109X	80.7	60.3			

				TOLERANCE: LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE±30' DRAFT ANGLES AREA±0.5°/SIDE		三角法	材料(环保)	单位	比例
							---	mm	2:1
				设计		名称	BTCH-FA1210A-10M		
				校对					
				审核					
标记	处数	更改文件号	担当	变更日期	批准	代号		版本	V3