

VFA1-118-5M16

16mm Focal Leng

1/1.8" F2.0 C Mount				Working distance	Optical Magnification	1/1.8" Field of View(mm)		
Focal Length	f=16mm			mm		H	V	
F/NO	F=2.0-C			900	0.018X	403.5	302.6	
Image Size	1/1.8" (7.2*5.32mm)	1/2.5" (5.76*4.32mm)	1/3" (4.8*3.6mm)	850	0.019X	381	285.8	
Angle	H	24.7°	20.6°	17.4°	800	0.020X	358.6	268.9
	V	18.2°	15.8°	13.5°	750	0.021X	336.2	252.1
	D	30.3°	25.2°	21.3°	700	0.023X	313.8	235.3
Object Dimension at MD. 300mm	H	134.4mm	107.7mm	89.0mm	650	0.025X	291.3	218.5
	V	100.8mm	80.8mm	66.7mm	600	0.027X	268.9	201.7
	D	167.9mm	134.6mm	112.2mm	550	0.029X	216.5	184.9
Distortion(TV)	<0.1%			500	0.032X	224.1	168	
Focus distance(min)	0.1mm			450	0.036X	201.6	151.2	
Flange back	17.526mm in air			400	0.040X	179.2	134.4	
Back focus	12.7mm in air			350	0.046X	156.8	117.6	
Filter screw size	M25.5*P0.5			300	0.054X	134.4	100.8	
Front/Rear Effective Dia	Front Φ15.2mm Rear Φ6mm			250	0.064X	111.9	83.9	
Mount	C-Mount			200	0.080X	89.5	67.1	
Temperature Range	-10~+50° C			150	0.107X	67.1	50.3	
Storage Temperature Range	-20~+60° C			100	0.162X	44.6	33.5	

