

# VFA5095H

FIXED FOCAL (High Speed) 1"  
50 mm F0.95 C

## SPECIFICATION

1	Image Format Cover	-----	1/3" - 1"	
2	Focal Length	-----	50.0 mm	
3	Maximum Aperture Ratio	-----	1 : 0.95	
4	Iris	Operation	-----	Manual
		Iris Range	-----	0.95 - 16
5	Focus	Operation	-----	Manual
		Distance Scale	-----	0.6 m ~ ∞
6	Angle Field of View	1 inch	-----	18.2° X 14.6° X 11.0°
	(D X H X V)	2/3 inch	-----	12.6° X 10.1° X 7.6°
		1/2 inch	-----	9.1° X 7.3° X 5.5°
		1/3 inch	-----	6.9° X 5.5° X 4.1°
7	Minimum Object Distance and Magnification	-----	0.6m, -0.095 (Magnification)	
8	Object area at M.O.D,	1 inch	-----	140 mm X 105 mm
	(H X V)	2/3 inch	-----	97 mm X 72 mm
		1/2 inch	-----	70 mm X 53 mm
		1/3 inch	-----	53 mm X 40 mm
9	Back Focal Length	-----	25.62 mm	
10	Front Nodal Point	-----	72.72 mm	
11	Back Nodal Point	-----	-24.38 mm	
12	FNP SNP Distance	-----	33.52 mm	
13	Optical over all length	-----	74.14 mm	
14	Entrance Pupil Position	-----	47.39 mm	
15	Distance from Image to Exit Pupil	-----	- 101.77 mm	
16	Effective Diameter	Front	-----	φ 53.0 mm
		Rear	-----	φ 32.5 mm
17	Filter Screw Size	-----	M 62.0 P=0.75	
18	Mount	-----	C Mount	
19	Mechanical Dimension	-----	φ 65.0 mm X 74.1 mm	
20	Weight	-----	470g	

## DIMENSIONS

