

## 1/1.8" f50 Fixed Focus Lens MFA118-S50V2

### Features

**Focal Length:** 50mm

**Image Format:** Support 1/1.8" sensor in maximum, up to 6 MegaPixels.  
And 1/2.3" 10MP, 1/2.5" 5MP.

**MegaPixels:** Ultrahigh resolution with 2.4μm mega-pixel

**Resolution:** High Resolution, high Contrast, uniform Field Performance

**Relative Illumination:** Excellent corner brightness and low distortion

**Distortion:** Extremely low distortion



### Specification

Model No.		MFA118-S50V2		Mount		C-Mount	
Focal Length		50mm		Back Focal Length		28.388 mm in Air	
F NO.		F2.8 - F16		Filter Size		M27 x P0.5	
Max. Image Format		1/1.8" (φ9.4mm)		Distortion		<0.03%	
Angle of View	D	1/1.8"	9.33°	1/2"	8.41°	1/3"	6.28°
	H		7.74°		6.71°		5.01°
	V		5.09°		4.96°		3.72°
M.o.D		0.3m		Object Dimension at M.o.D	1/1.8"	41.84mm x 27.90mm	
Weight		76.8g			1/2.3"	36.55mm x 26.20mm	
Flange Back Length		17.526mm in Air					
Structure		4 Groups, 6 Elements		Operating Temperature		-10°C — 50°C	
Operation of Iris		Range	F2.8 - F16	Operation of Focus		Range	MOD-INF
Spectral Transmission		AT 436nm-656nmT≥85%					

### Dimensions

