

1/1.8" f8 Fixed Focus Lens MFA118-S08

Features

Focal Length: 8mm

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-S08		Mount		C-Mount	
Focal Length		8mm		Back Focal Length		10.4 mm in Air	
F NO.		F2.8 - F16		Filter Size		M27 x P0.5	
Max. Image Format		1/1.8" (φ9.4mm)		Distortion		<0.12%	
Angle of View	D	1/1.8"	58.5°	1/2"	53.4°	1/3"	41.3°
	H		49.3°		43.5°		33.2°
	V		34.0°		33.2°		25.2°
M.o.D		0.11m		Object Dimension at M.o.D	1/1.8"	105.33mm x 70.22mm	
Weight		56g			1/2.3"	92.00mm x 65.94mm	
Flange Back Length		17.526mm in Air					
Structure		7 Groups, 9 Elements		Operating Temperature		-10°C — 50°C	
Operation of Iris		Range	F2.8 - F16	Operation of Focus		Range	MOD-INF
		Angle	28°			Angle	164.6°
Spectral Transmission		AT 436nm-656nmT≥85%					

Dimensions

