

## 1" f12 Fixed Focus Lens MFA110-H12

### Features

- Support 1" sensor in maximum
- Focal Length is 12mm
- Excellent corner brightness and low distortion
- Up to 20 MegaPixels, ultrahigh resolution with 2.5μm mega-pixel
- High Resolution, high Contrast, uniform Field Performance
- Extremely low distortion



### Specification

Model No.		MFA110-H12		Mount		C-Mount	
Focal Length		12mm		Back Focal Length		11.5mm in Air	
F NO.		F2.8 - F16		Filter Size		/	
Max. Image Format		1" (φ17.6mm)		Distortion		<0.1%	
Angle of View	D	1.1"	70.5°	1"	65.7°	2/3"	48.3°
	H		59.8°		53.5°		37.8°
	V		46.2°		43.3°		32.1°
M.o.D		0.1m		Object Dimension at M.o.D	1.1"	145.95mm x 105.37mm	
Weight		169.0g			1"	127.71mm x 99.90mm	
Flange Back Length		17.526mm in Air			2/3"	85.49mm x 71.25mm	
Structure		10 Groups, 12 Elements		Operating Temperature		-10°C — 50°C	
Operation of Iris		Range	F2.8 - F16	Operation of Focus		Range	MOD-INF
		Angle	55.5°			Angle	149.55°
Spectral Transmission		AT 436nm-656nmT≥85%					

### Dimensions

