

1" f50 Fixed Focus Lens MFA110-H50

Features

- Support 1" sensor in maximum
- Focal Length is 50mm
- 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-H50		Mount		C-Mount	
Focal Length		50mm		Back Focal Length		12.03mm in Air	
F NO.		F2.8 - F16		Filter Size		M35.5 x P0.5	
Max. Image Format		1" (φ17.6mm)		Distortion		<0.05%	
Angle of View	D	1.1"	10.5°	1"	16.7°	2/3"	11.7°
	H		14.8°		13.2°		9.1°
	V		11.2°		10.5°		7.5°
M.o.D		0.3m		Object Dimension at M.o.D	1.1"	81.57mm x 59.71mm	
Weight		123.0g			1"	71.82mm x 56.70mm	
Flange Back Length		17.526mm in Air			2/3"	48.75mm x 40.79mm	
Structure		6 Groups, 8 Elements		Operating Temperature		-10°C — 50°C	
Operation of Iris		Range	F2.8 - F16	Operation of Focus		Range	MOD-INF
		Angle	67.1°			Angle	291°
Spectral Transmission		AT 436nm-656nmT≥85%					

Dimensions

