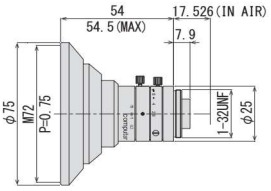
MPW3 Series

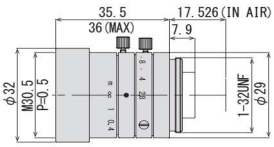
2/3" 6 MEGAPIXEL FIXED FOCAL LENS

Model No.	Format	Focal Length	F No.	Working Distance	Weight
M0528-MPW3	2/3"	5mm	F2.8-F16	0.1m-Inf.	163g
M0828-MPW3		8mm		0.1m-Inf.	58g
M1228-MPW3		12mm		0.1m-Inf.	60g
M1628-MPW3		16mm		0.25m-Inf.	37g
M2528-MPW3		25mm		0.2m-Inf.	42g
M3528-MPW3		35mm		0.25m-Inf.	48g
M5028-MPW3		50mm		0.3m-Inf.	65g
M7528-MPW3		75mm		0.4m-Inf.	102g

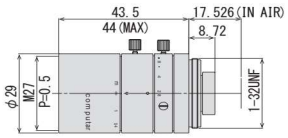
M0528-MPW3



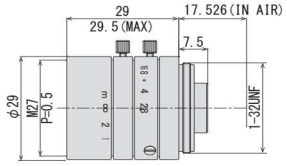
M0828-MPW3



M1228-MPW3



M1628-MPW3

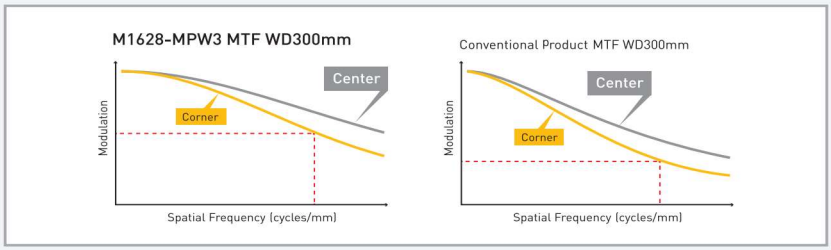


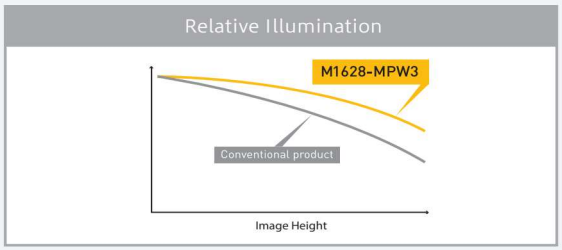
		M0528-MPW3						M0828-MPW3						M1228-MPW3						M1628-MPW3					
Focal Length		5mm						8mm						12mm						16mm					
Max. Aperture Ratio		1:2.8						1:2.8						1:2.8						1:2.8					
Max. Image Format		8.8mm × 6.6mm (φ 11mm)						8.8mm × 6.6mm (φ 11mm)						8.8mm × 6.6mm (φ 11mm)						8.8mm × 6.6mm (φ 11mm)					
Operation Range	Iris	F2.8 - F16.0						F2.8 - F16.0						F2.8 - F16.0						F2.8 - F16.0					
	Focus	0.1m - Inf.						0.1m - Inf.						0.1m - Inf.						0.25m - Inf.					
Control	Iris	Manual						Manual						Manual						Manual					
	Focus	Manual						Manual						Manual						Manual					
Angle of View	D	2/3"	94.6°	1/1.8"	83.8°	1/2.5"	71.4°	2/3"	68.5°	1/1.8"	57.7°	1/2.5"	47.2°	2/3"	49.3°	1/1.8"	40.8°	1/2.5"	33.0°	2/3"	37.8°	1/1.8"	31.4°	1/2.5"	25.0°
	H		83.2°		71.6°		59.8°		57.0°		47.3°		38.5°		40.3°		33.1°		26.7°		30.7°		25.3°		20.2°
	V		67.5°		58.3°		46.6°		44.2°		37.5°		29.4°		30.8°		26.0°		20.3°		23.3°		19.2°		15.3°
Operating Temperature		-10° C ~ +50° C						-10° C ~ +50° C						-10° C ~ +50° C						-10° C ~ +50° C					

Optical Distortion	2/3"	0.03%	1/1.8"	-2.14%	1/2.5"	-2.72%	2/3"	-1.80%	1/1.8"	-1.68%	1/2.5"	-1.28%	2/3"	-0.10%	1/1.8"	0.04%	1/2.5"	0.00%	2/3"	0.47%	1/1.8"	0.15%	1/2.5"	0.03%
Back Focal Length	9.2mm						10.1mm						9.2mm						10.3mm					
Flange Back Length	17.526mm						17.526mm						17.526mm						17.526mm					
Mount	C-Mount						C-Mount						C-Mount						C-Mount					
Filter Size	M72 P=0.75mm						M30.5 P=0.5mm						M27 P=0.5mm						M27 P=0.5mm					
Dimensions	φ 75mm × 54mm						φ 32mm × 35.5mm						φ 29mm × 43.5mm						φ 29mm × 29mm					
Weight	163g						58g						60g						37g					

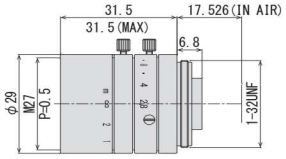
- Suitable for 2/3" 6 megapixel
- A variety of focal lengths from 5mm to 75mm
- Maintains high performance at long WD
- Has an ultra-compact Ø29 diameter with a nearly-identical mechanical length
- Vibration resistance up to 5G

2/3" | 6MP | MANUAL | FIX

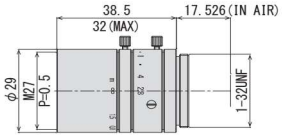




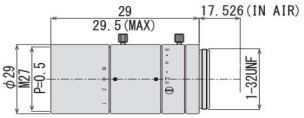
M2528-MPW3



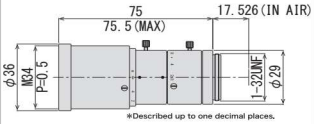
M3528-MPW3



M5028-MPW3



M7528-MPW3



		M2528-MPW3	M3528-MPW3	M5028-MPW3	M7528-MPW3
Focal Length		25mm	35mm	50mm	75mm
Max. Aperture Ratio		1:2.8	1:2.8	1:2.8	1:2.8
Max. Image Format		8.8mm × 6.6mm (φ 11mm)	8.8mm × 6.6mm (φ 11mm)	8.8mm × 6.6mm (φ 11mm)	8.8mm × 6.6mm (φ 11mm)
Operation Range	Iris	F2.8 - F16.0	F2.8 - F16.0	F2.8 - F16.0	F2.8 - F16.0
	Focus	0.2m - Inf.	0.25m - Inf.	0.3m - Inf.	0.4m - Inf.
Control	Iris	Manual	Manual	Manual	Manual
	Focus	Manual	Manual	Manual	Manual
Angle of View	D	2/3" 24.6° / 1/1.8" 20.3° / 1/2.5" 16.1°	2/3" 17.9° / 1/1.8" 14.4° / 1/2.5" 9.8°	2/3" 12.5° / 1/1.8" 10.2° / 1/2.5" 8.1°	2/3" 8.4° / 1/1.8" 6.9° / 1/2.5" 5.4°
	H	2/3" 19.9° / 1/1.8" 16.3° / 1/2.5" 13.0°	2/3" 14.3° / 1/1.8" 11.7° / 1/2.5" 7.8°	2/3" 10.0° / 1/1.8" 8.2° / 1/2.5" 6.5°	2/3" 6.7° / 1/1.8" 5.5° / 1/2.5" 4.3°
	V	15.0° / 12.3° / 9.8°	10.8° / 8.7° / 5.9°	7.5° / 6.2° / 4.9°	5.0° / 4.1° / 3.3°
Operating Temperature		-10° C ~ +50° C	-10° C ~ +50° C	-10°C ~ +50°C	-10°C ~ +50°C
Optical Distortion		2/3" 0.77% / 1/1.8" 0.49% / 1/2.5" 0.29%	2/3" 0.06% / 1/1.8" 0.04% / 1/2.5" 0.03%	2/3" 0.00% / 1/1.8" 0.00% / 1/2.5" 0.00%	2/3" 0.33% / 1/1.8" 0.21% / 1/2.5" 0.12%
Back Focal Length		11.5mm	18.0mm	26.3mm	14.6mm
Flange Back Length		17.526mm	17.526mm	17.526mm	17.526mm
Mount		C-Mount	C-Mount	C-Mount	C-Mount
Filter Size		M27 P=0.5mm	M27 P=0.5mm	M27 P=0.5mm	M34 P=0.5mm
Dimensions		φ 29mm × 31.5mm	φ 29mm × 38.5mm	φ 29mm × 56mm	φ 36mm × 75mm
Weight		42g	48g	65g	102g