

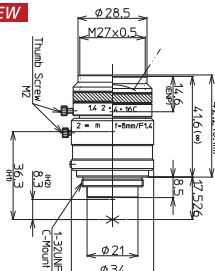
JC3M2 Series NEW

High Resolution FA/MV Lenses

Features of XC Series

- ▶ Kowa's wide-band multi-coating effectively decreases glare and refraction and produces a high transmission from the visible to NIR wavelength range.
- ▶ Kowa's floating mechanism system virtually eliminates optical aberrations from close distance to infinity.
*Except for LM8JC3M2 and LM12JC3M2
- ▶ Low distortion
- ▶ Excellent corner brightness
- ▶ Applicable on 1/1.2" as well *Except for LM8JC3M2

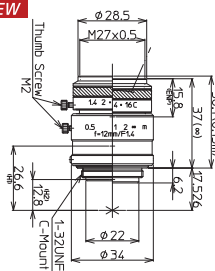
LM8JC3M2 NEW



2/3" 1/1.8" 1/2" 8mm **FIXED** **3MEGA** **C-mnt** **METAL** **WBMC**
Fixed Focal Megapixel C-mount Metal Body No IR-cut Coating

Model	LM8JC3M2
Focal Length(mm)	8
Image Size(mm)	8.8×6.6(Φ11)
Iris Range(F-stop)	F1.4~Close
Focusing Range(m)	0.1~∞
Control Iris	Manual
Focus	Manual
Shooting Range at M.O.D.(mm)	120.3(H)×90.0(V)
Angle of View	2/3 Inch 56.5°×43.9°
1/1.8 Inch	47.4°×36.3°
(Degrees) 1/2 Inch	42.6°×32.5°
TV Distortion(%)	-0.6
Back Focus in Air(mm)	9.5
Mount	C-mount
Filter Thread(mm)	M27×P0.5
Size(mm)	Φ34×41.6
Weight(g)	90
Temperature Range	-10°C~+50°C

LM12JC3M2 NEW

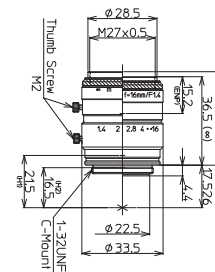


2/3" 1/1.8" 1/2" 12mm **FIXED** **3MEGA** **C-mnt** **METAL** **WBMC**
Fixed Focal Megapixel C-mount Metal Body No IR-cut Coating

Model	LM12JC3M2
Focal Length(mm)	12
Image Size(mm)	8.8×6.6(Φ11)
Iris Range(F-stop)	F1.4~Close
Focusing Range(m)	0.15~∞
Control Iris	Manual
Focus	Manual
Shooting Range at M.O.D.(mm)	110.0(H)×82.5(V)
Angle of View	2/3 Inch 38.3°×29.1°
1/1.8 Inch	31.7°×24.0°
(Degrees) 1/2 Inch	28.3°×21.4°
TV Distortion(%)	-0.07
Back Focus in Air(mm)	11.7
Mount	C-mount
Filter Thread(mm)	M27×P0.5
Size(mm)	Φ34×37
Weight(g)	85
Temperature Range	-10°C~+50°C

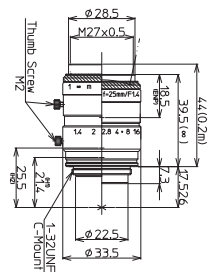
† Images may differ from the actual product.

LM16JC3M2 NEW



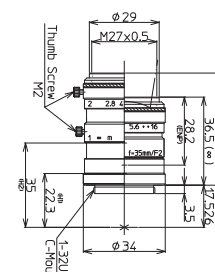
2/3" 1/1.8" 1/2" 16mm **FIXED** **3MEGA** **C-mnt** **METAL** **FLOAT** **WBMC**
Fixed Focal Megapixel C-mount Metal Body Floating No IR-cut Coating

LM25JC3M2 NEW



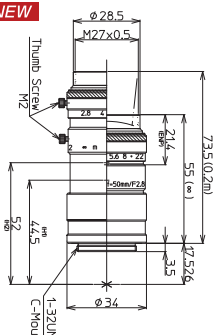
2/3" 1/1.8" 1/2" 25mm **FIXED** **3MEGA** **C-mnt** **METAL** **FLOAT** **WBMC**
Fixed Focal Megapixel C-mount Metal Body Floating No IR-cut Coating

LM35JC3M2 NEW



2/3" 1/1.8" 1/2" 35mm **FIXED** **3MEGA** **C-mnt** **METAL** **FLOAT** **WBMC**
Fixed Focal Megapixel C-mount Metal Body Floating No IR-cut Coating

LM50JC3M2 NEW



2/3" 1/1.8" 1/2" 50mm **FIXED** **3MEGA** **C-mnt** **METAL** **FLOAT** **WBMC**
Fixed Focal Megapixel C-mount Metal Body Floating No IR-cut Coating

Model	LM16JC3M2	LM25JC3M2	LM35JC3M2	LM50JC3M2
Focal Length(mm)	16	25	35	50
Image Size(mm)	8.8×6.6(Φ11)	8.8×6.6(Φ11)	8.8×6.6(Φ11)	8.8×6.6(Φ11)
Iris Range(F-stop)	F1.4~F16	F1.4~F16	F2.0~F22	F2.8~F22
Focusing Range(m)	0.2~∞	0.2~∞	0.2~∞	0.2~∞
Control Iris	Manual	Manual	Manual	Manual
Focus	Manual	Manual	Manual	Manual
Shooting Range at M.O.D.(mm)	112.8(H)×84.4(V)	71.1(H)×53.3(V)	47.9(H)×35.8(V)	29.3(H)×21.9(V)
Angle of View	2/3 Inch 30.0°×22.7°	19.6°×14.8°	14.4°×10.8°	9.6°×7.2°
1/1.8 Inch	24.7°×18.6°	16.1°×12.1°	11.8°×8.8°	7.9°×5.9°
(Degrees) 1/2 Inch	21.8°×16.4°	14.0°×10.5°	10.5°×7.9°	7.0°×5.2°
TV Distortion(%)	-0.05	-0.04	-0.2	-0.03
Back Focus in Air(mm)	13.1	11.7	20.1	35.5
Mount	C-mount	C-mount	C-mount	C-mount
Filter Thread(mm)	M27×P0.5	M27×P0.5	M27×P0.5	M27×P0.5
Size(mm)	Φ33.5×36.5	Φ33.5×39.5	Φ34×36.5	Φ34×55
Weight(g)	85	90	70	95
Temperature Range	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C	-10°C~+50°C

Diagram of M.O.D. / Magnification Using A Close Up Ring

Model	LM8JC3M2	LM12JC3M2	LM16JC3M2	LM25JC3M2	LM35JC3M2	LM50JC3M2
(Non)M.O.D./Magnification	100mm/0.07×	160mm/0.08×	200mm/0.08×	200mm/0.12×	200mm/0.18×	200mm/0.30×
1mm Ring M.O.D./Magnification	31mm/0.19×	70mm/0.16×	110mm/0.14×	150mm/0.16×	173mm/0.21×	190mm/0.32×
5mm Ring M.O.D./Magnification	-	-	-	73mm/0.31×	115mm/0.32×	160mm/0.39×
10mm Ring M.O.D./Magnification	-	-	-	-	81mm/0.45×	132mm/0.49×
20mm Ring M.O.D./Magnification	-	-	-	-	51mm/0.73×	102mm/0.68×

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