



**SPECIFICATION 18-108mm 6x MACRO ZOOM**

1. USE	FOR 2/3" COLOR, B/W CAMERA		
2. MAGNIFICATION	at M. O. D.		
3. EFFECTIVE F NUMBER	F2.5		
4. IMAGE SIZE	8.8x6.6		
5. BACK FOCAL LENGTH	19.23mm		
6. FLANGE FOCAL LENGTH	17.526mm		
7. FOCUS RANGE	$\infty \sim 30\text{cm}$		
8. FIELD ANGLE	DIA.	(W)	(T)
	HOL.	27.3	4.7
	VER.		
9. FIELD OF VIEW AT M. O. D.	DIA.		
	HOL.		
	VER.		
10. DISTORTION	(TV)		
11. LENS CONSTRUCTION			
12. CLEAR APERTURE	FRONT		REAR
13. MINIMUM OBJECT DISTANCE	0.15m		
14. WEIGHT	595g		

**SPECIFICATION 3D FRONT CONVERTER**

1. FOCUS RANGE			
2. MAGNIFICATION			
3. FIELD OF VIEW AT M. O. D.	DIA.		
	HOL.	143.5mm (T, W)	
	VER.		
	DIA.	95mm (T, W)	
	HOL.		
	VER.		
4. LENS CONSTRUCTION	1 GROUP	2 ELEMENTS	



6X MACRO ZOOM

LMZ45T3