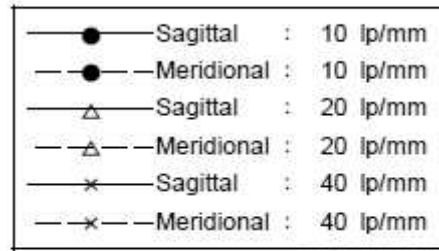
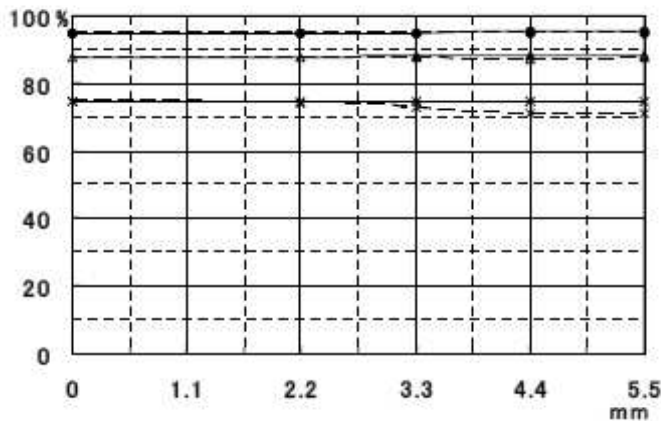


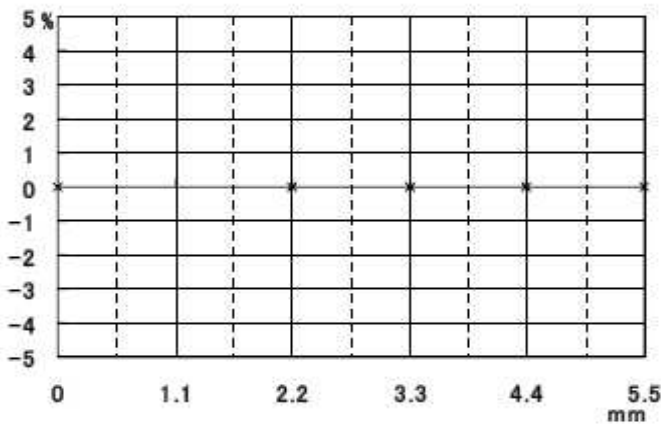
● Modulation Transfer Function (MTF)

W. D. = 250mm

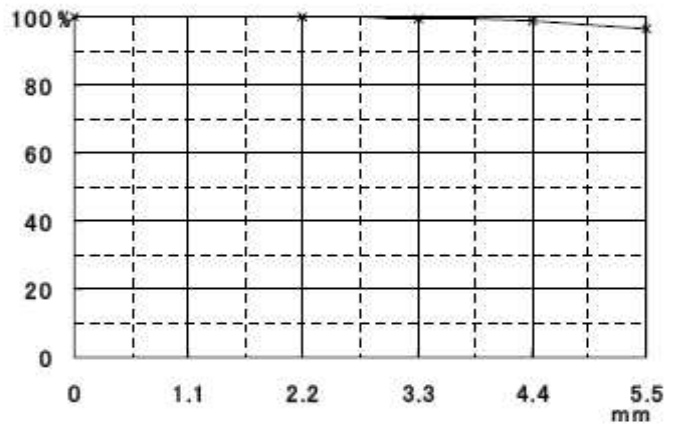


4D-0245T0075

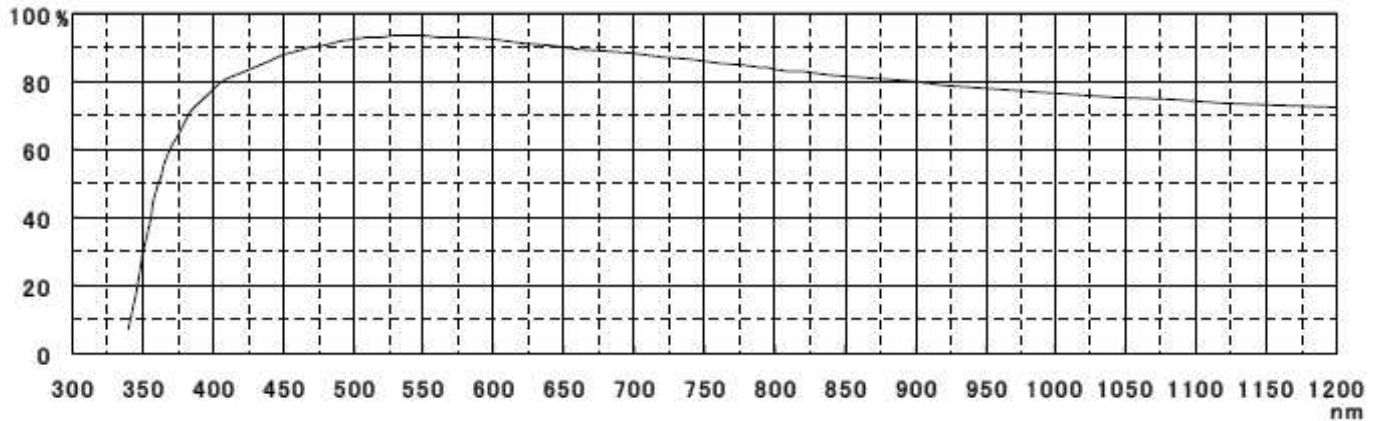
● Distortion (歪曲収差)



● Vignetting (周辺光量)



● Spectral Transmittance (分光透過率)



● Resolving Power (解像力)

y	0	3.3	4.4	5.5		
Rr(S)	160	160	160	160		
Rt(M)		125	125	125		

● Entrance Pupil Position (入射瞳位置)

16.13 [mm] *

● Exit Pupil Position (射出瞳位置)

-36.21 [mm] *

● 1st Principal Point (第一主点)

-57.38 [mm] *

● 2nd Principal Point (第二主点)

-72.78 [mm] * (* : From Image Plane)

SPEC. INFO	FL-CC7528-2M RC SPEC.	3137500-S001-RC-B13
		Oct. 01. 2012

1. Model FL-CC7528-2M
2. Application For 2/3 Format Camera

3. Specification

3-1. Physical (As per the attached drawing)

- (1) Dimensions $\phi 34 \text{ mm} \times 59.6 \text{ mm}$
- (2) Weight 125 g
- (3) Mount C-Mount (1 – 32 UN – 2A)
- (4) Filter Screw Size $\phi 30.5 \text{ mm}$, P = 0.5 mm

3-2. Optical

- (1) Focal Length 75 mm $\pm 5\%$
- (2) Max. Aperture Ratio 1:2.8
- (3) Iris Range F/2.8 to F/32
- (4) Angle of View
 Diagonal 8.60°
 Horizontal 6.90°
 Vertical 5.18°
- (5) Picture format 8.8 mm \times 6.6 mm
- (6) Focusing Range Inf. to 0.7 m
- (7) Back Focal Length 30.94 mm (in air)
- (8) Flange Back Length 17.526 mm \pm 0.05 mm (in air)

3-3. Mechanical

- (1) Focusing Mechanism Straight Helicoid
 Rotation Angle 280°
 Rotation Torque 0.2N·cm to 7.0 N·cm
 Focus Ring can be fixed at any positions by 3 fixing screws (A) or 1 thumb screw (refer to external view)
- (2) Iris Mechanism Non-click, Close-down
 Rotation Angle 83°
 Rotation Torque 0.5N·cm to 7.0 N·cm
 Iris Ring can be fixed at any positions by 3 fixing screws (B) or 1 thumb screw (refer to external view)

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

Wave	Sine Wave
Acceleration	1.96 m/s ² to 59.78 m/s ²
Cycle Range	10 Hz to 55 Hz
Cycle Period	3 Minutes
Duration of Vibration	120 Minutes Respectively in Three Dimensional Directions

(2) Shock Conditions

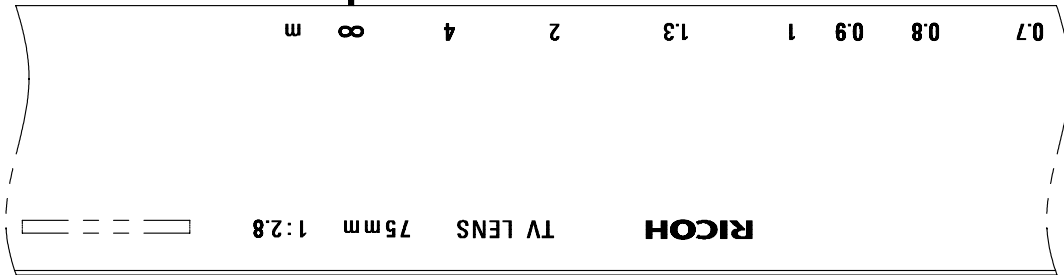
Tester	Shock Testing Machine by Dropping
Impact Force	588 m/s ²
Duration of Shock	3.5 ms
Directions & Number of Times	1 Time Respectively in Three Dimensional Directions

SPEC. INFO	FL-CC7528-2M RC SPEC.	3137500-S001-RC-B23
		Oct. 01. 2012

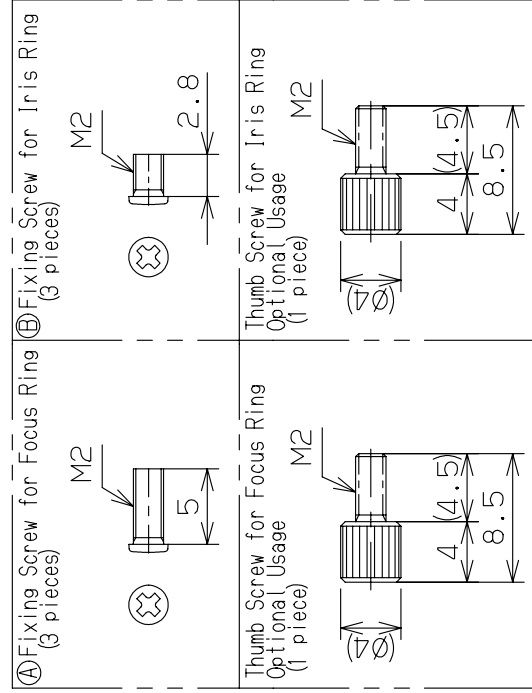
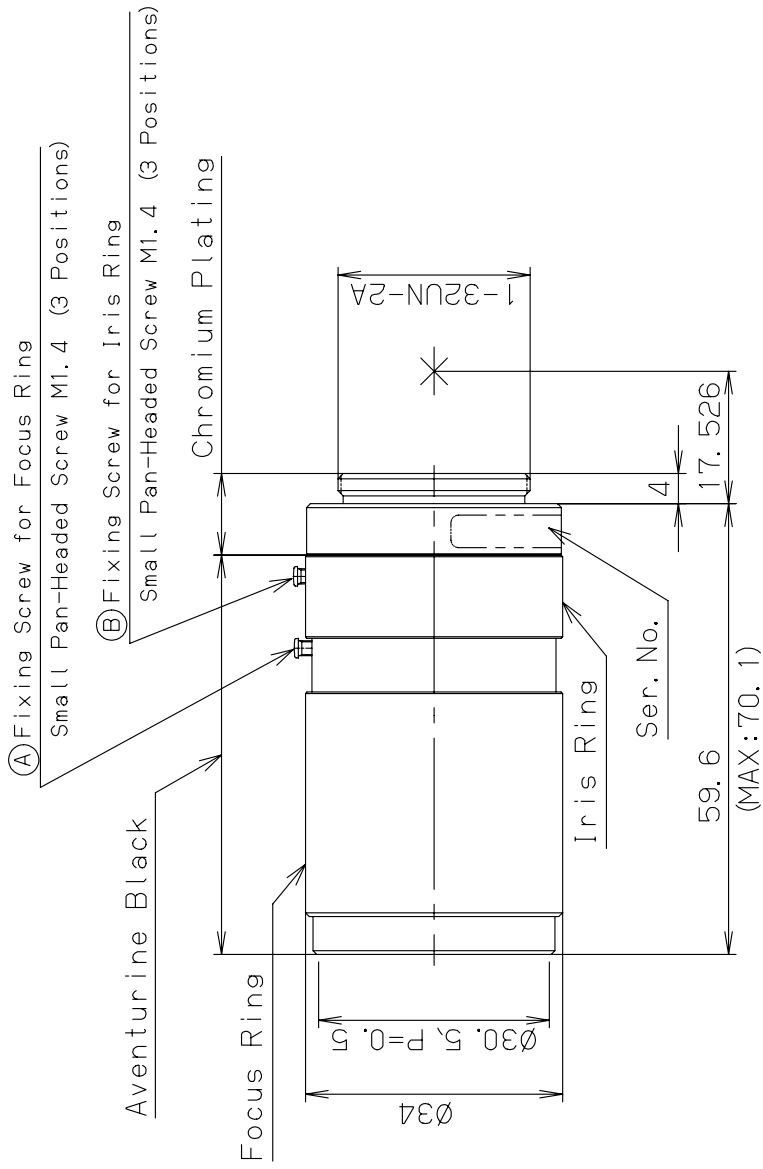
3-5. Environmental Temperature Range -20°C to $+50^{\circ}\text{C}$

4. Accessories

- | | | |
|-----------------------------------|----------|----------------------|
| (1) Front Lens Cap | 1 piece | |
| (2) Rear Lens Cap | 1 piece | |
| (3) Fixing Screw ① for Focus Ring | 3 pieces | |
| (4) Fixing Screw ② for Iris Ring | 3 pieces | |
| (5) Thumbscrew for Focus Ring | 1 pieces | (for Optional Usage) |
| (6) Thumbscrew for Iris Ring | 1 pieces | (for Optional Usage) |
| (7) Packing Box | 1 piece | |



32-118564 28 FL-CC7528-2M





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