

































PENTAX
PC-5000

AF















































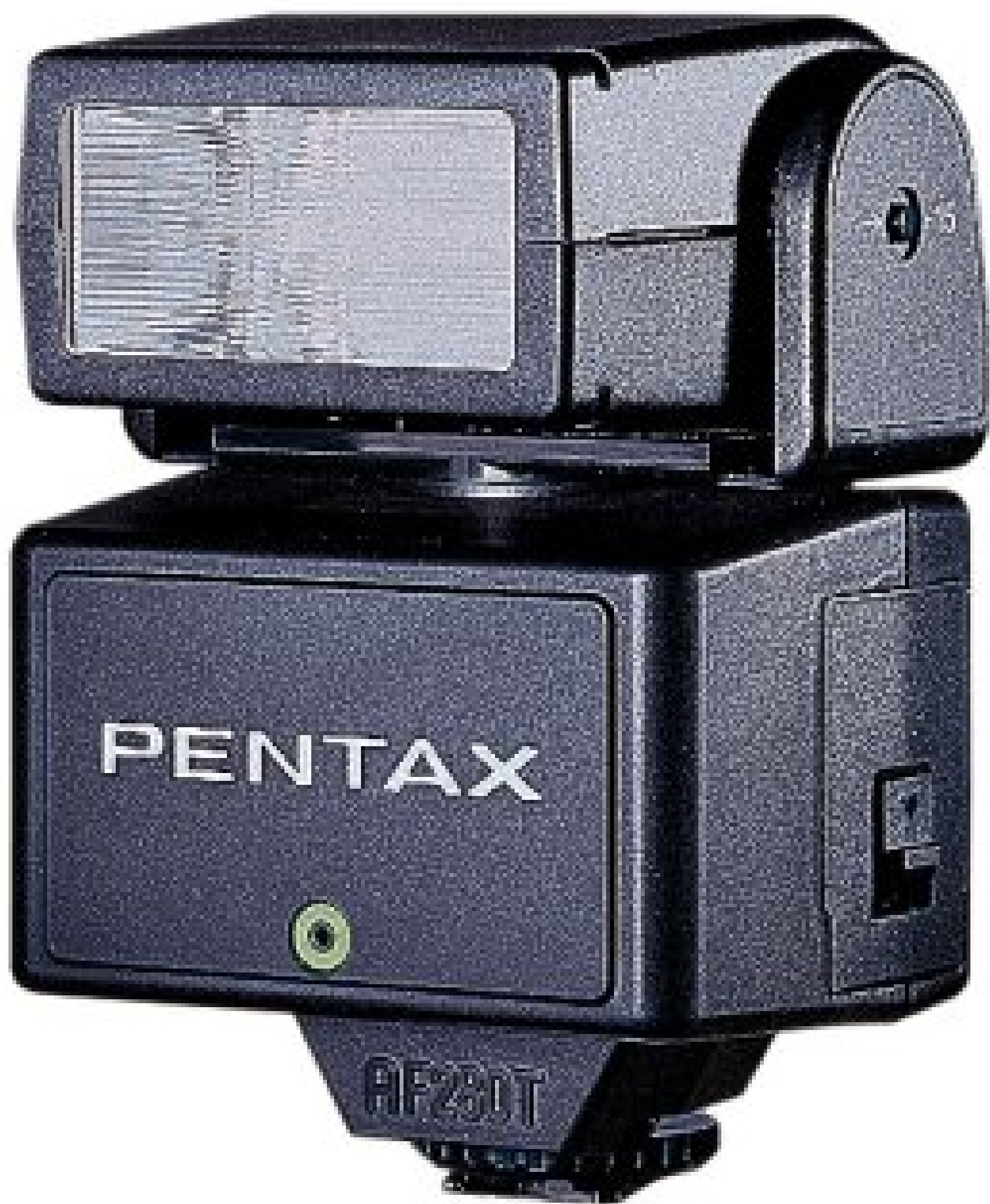






































Spiel

Spaß

Sieg

Das **PENTAX**

Gewinnspiel

























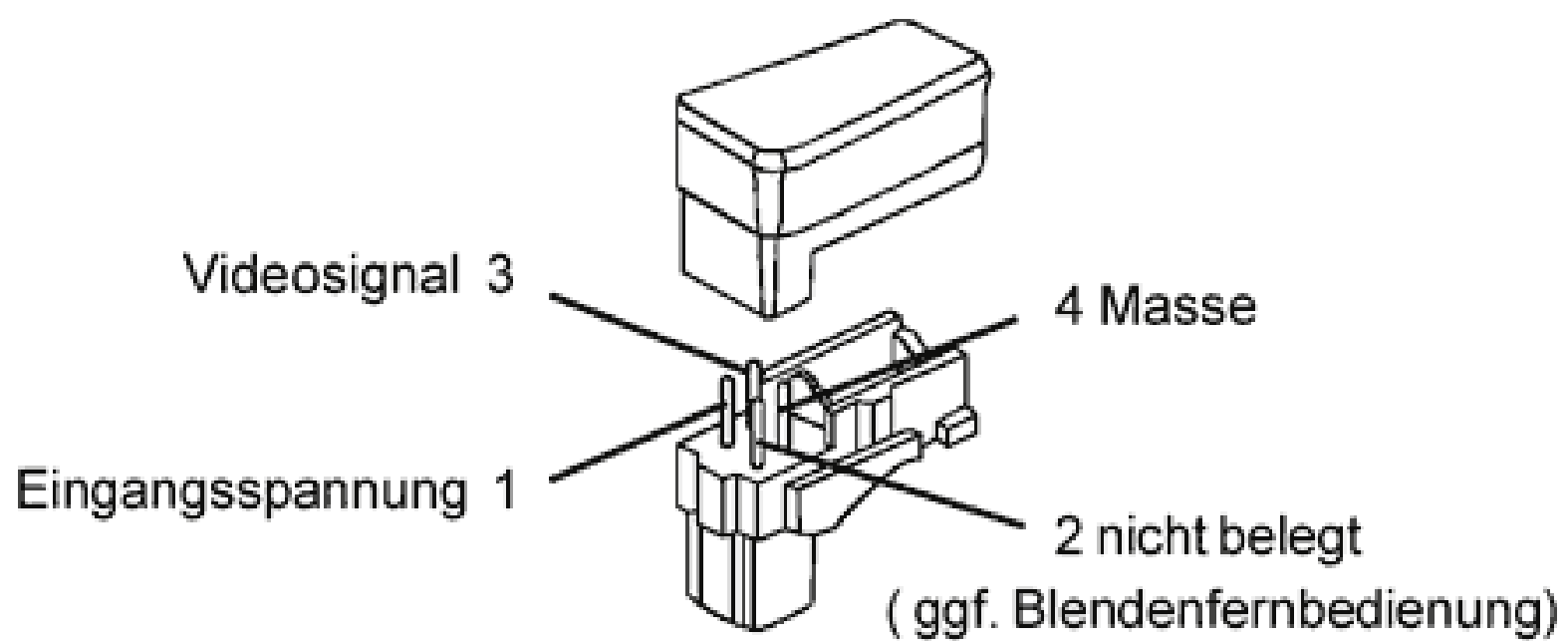


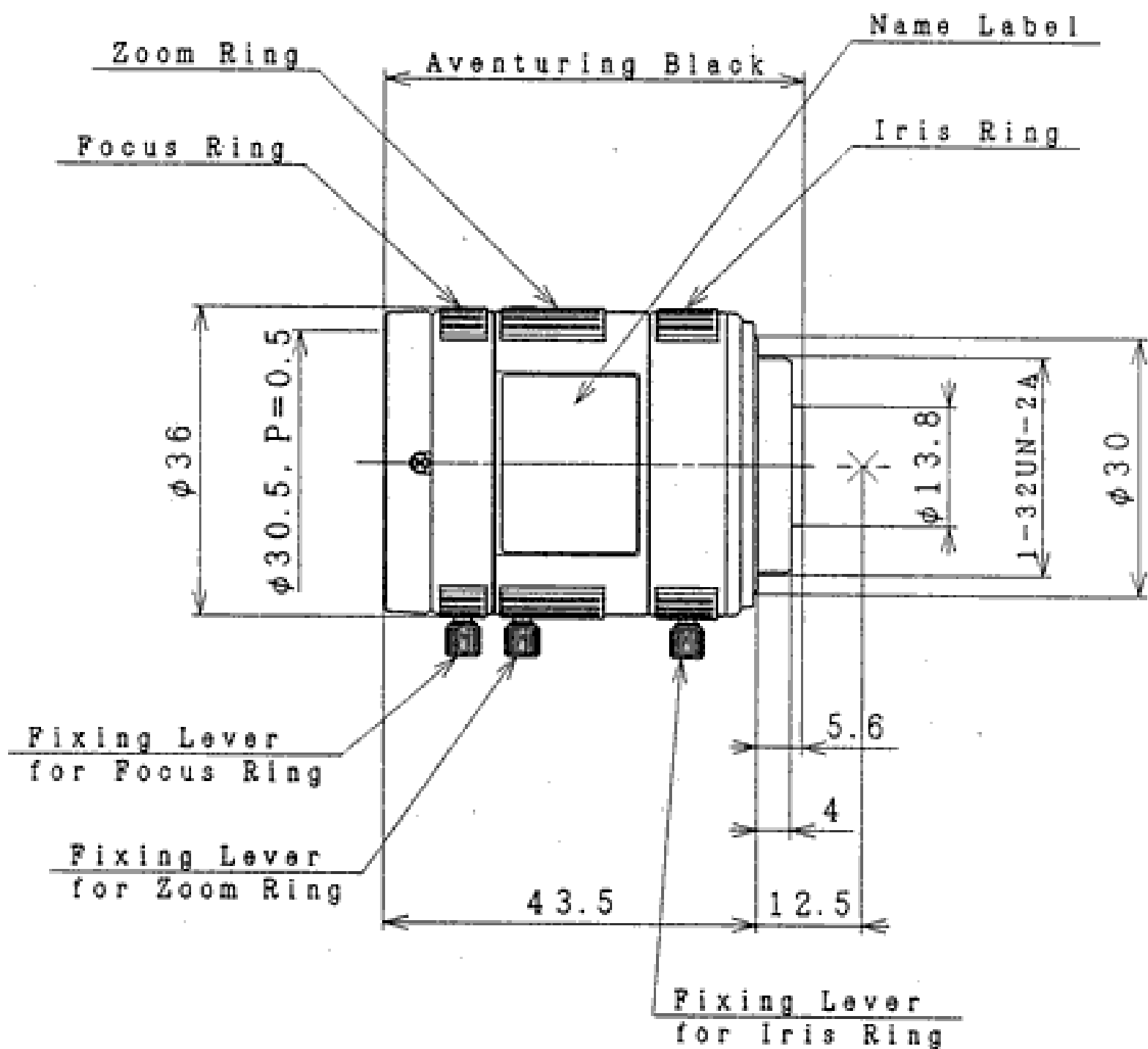


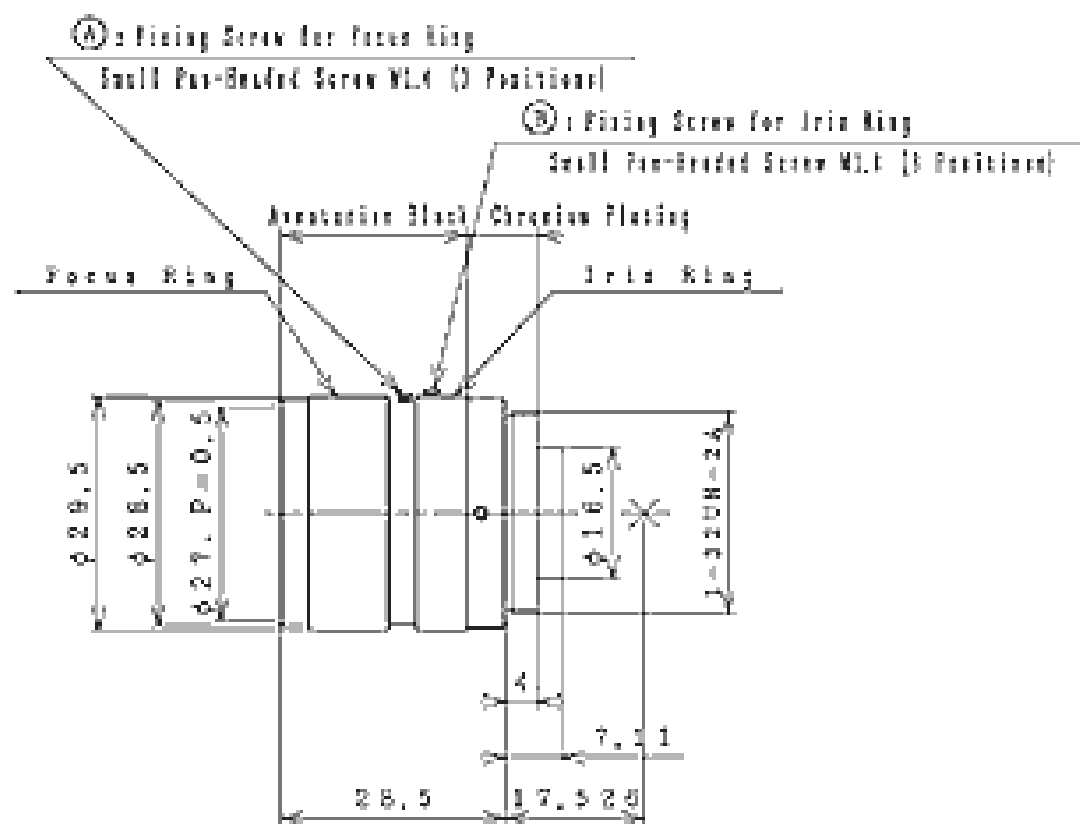
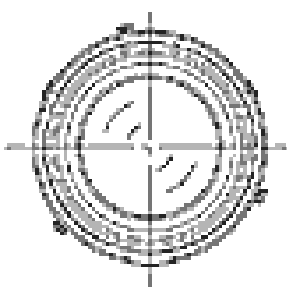




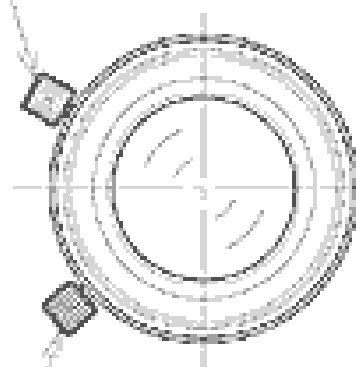




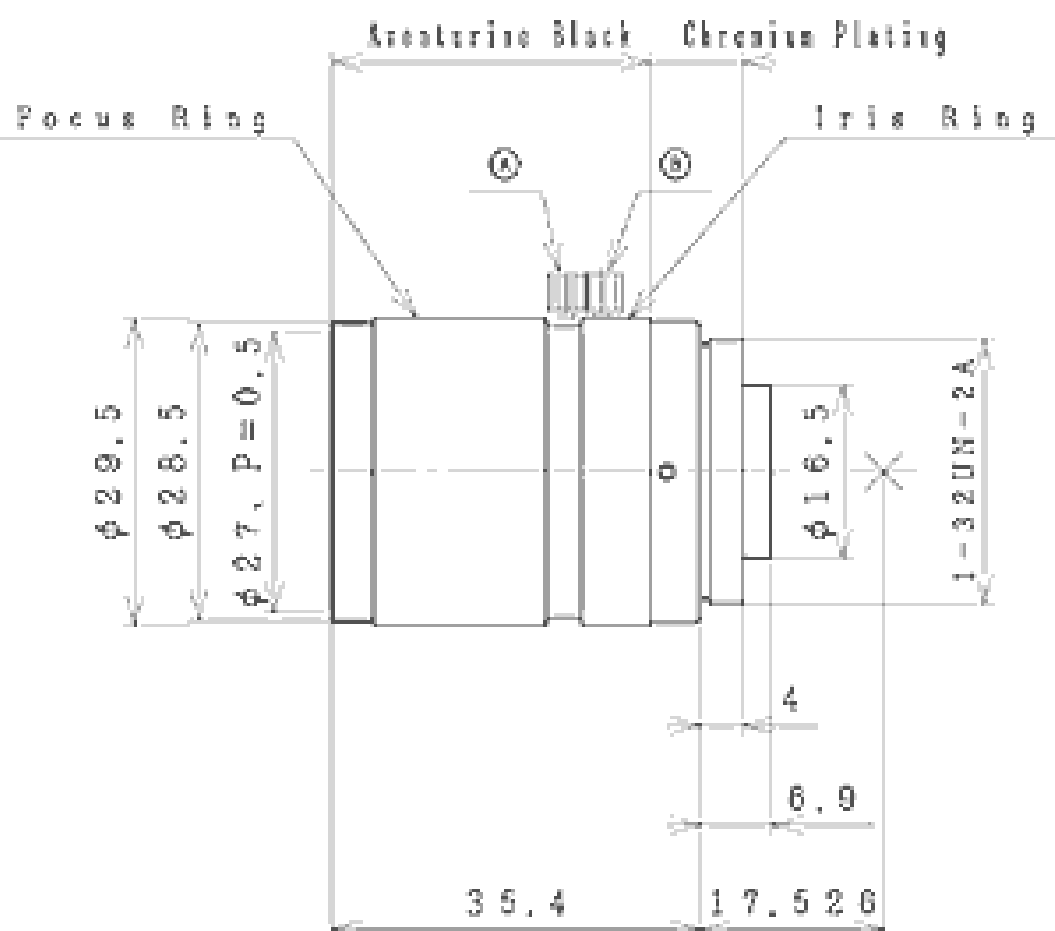




Ⓐ: Fixing Lever
for Focus Ring

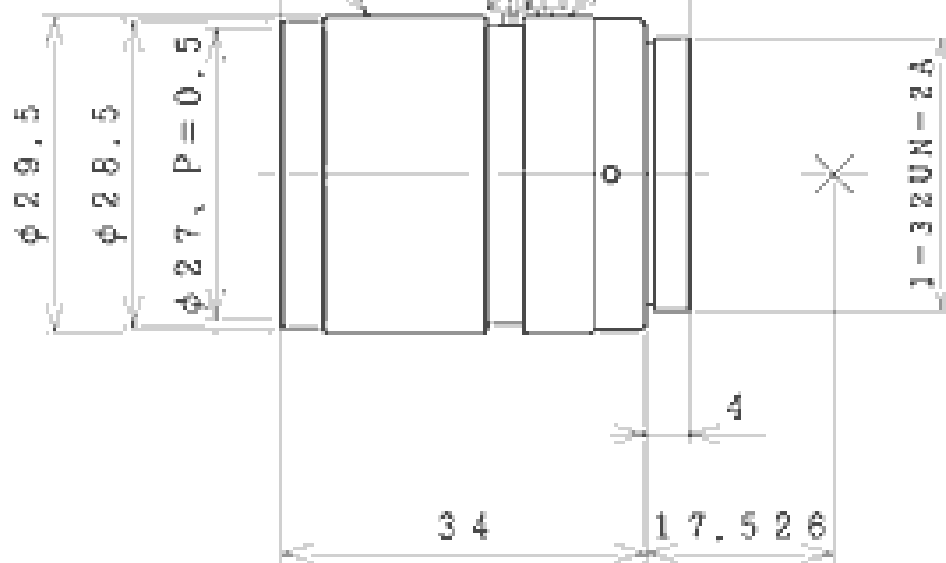


Ⓑ: Fixing Lever
for Iris Ring

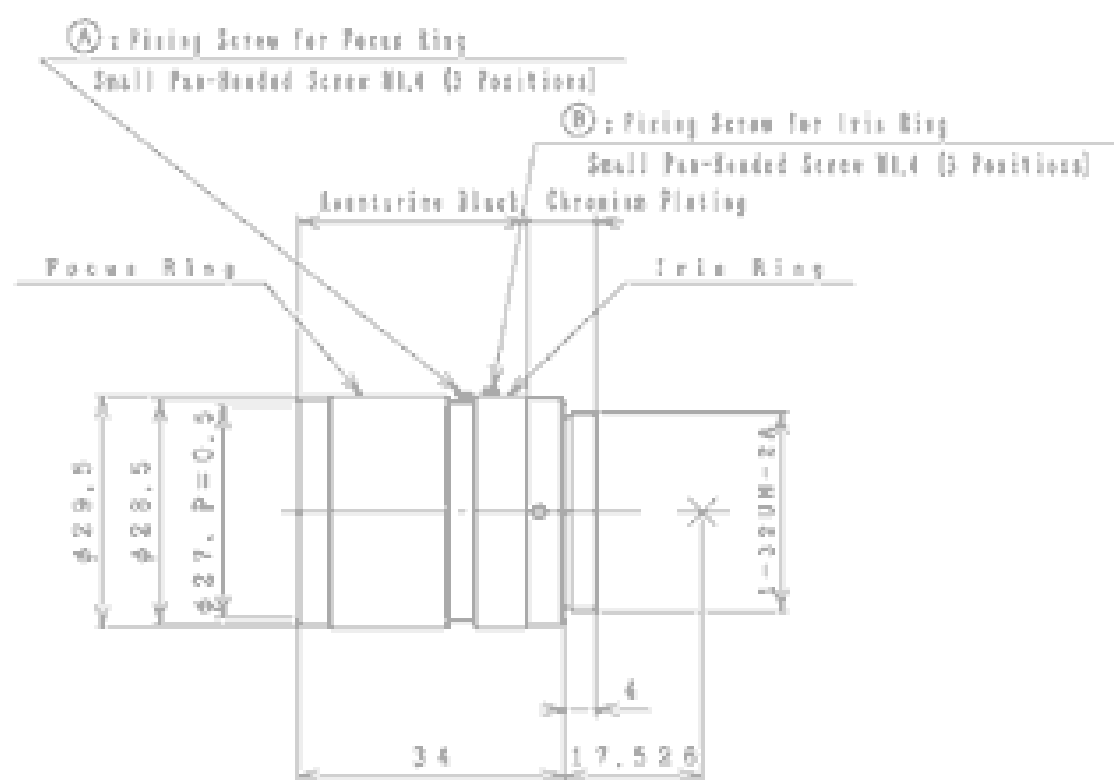
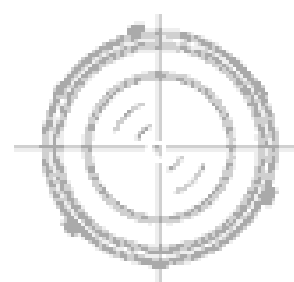


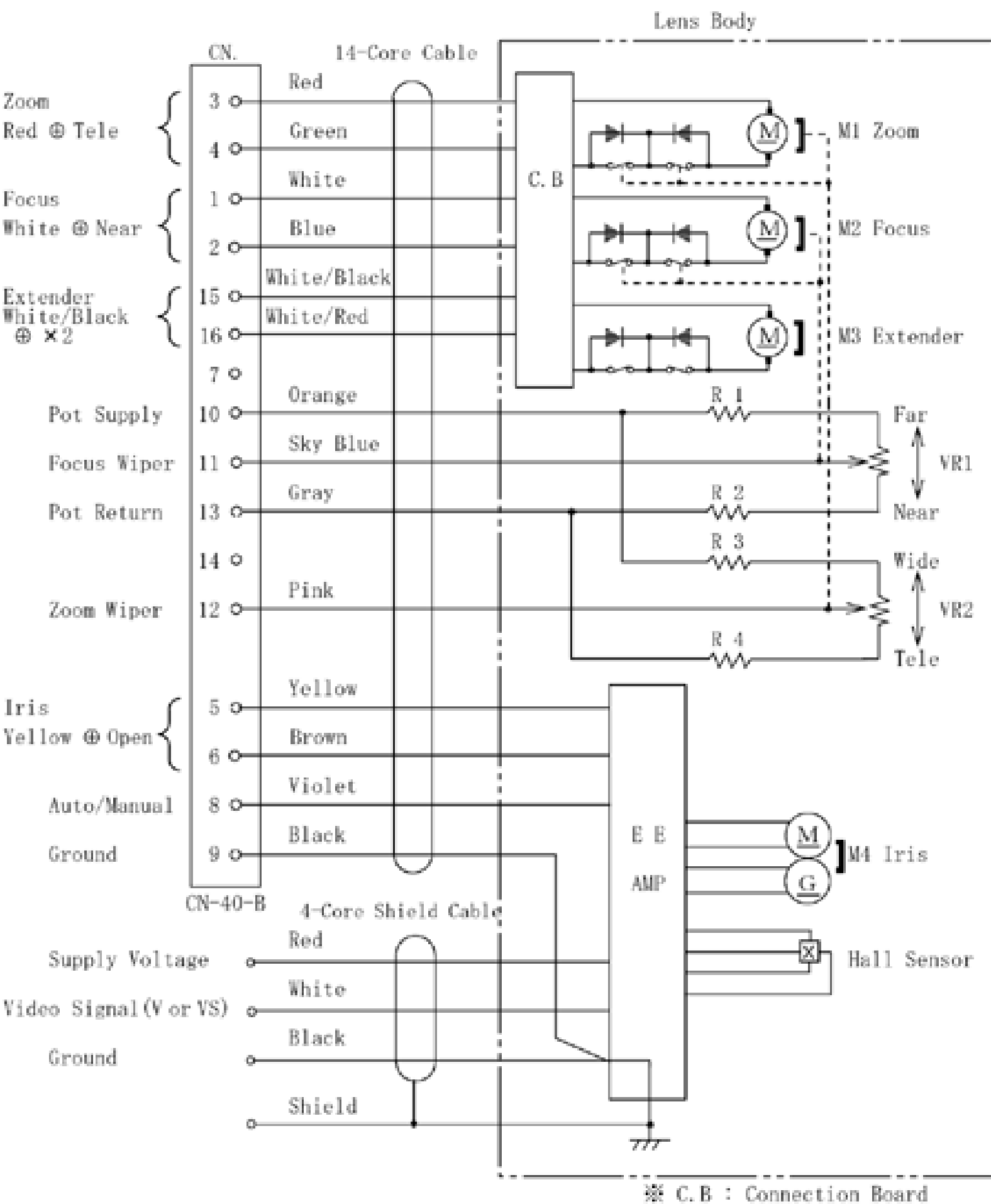
Ⓐ: Fixing Lever
for Focus Ring

Apertures Black Chromium Plating
Focus Ring
Ⓐ
Ⓑ
Iris Ring

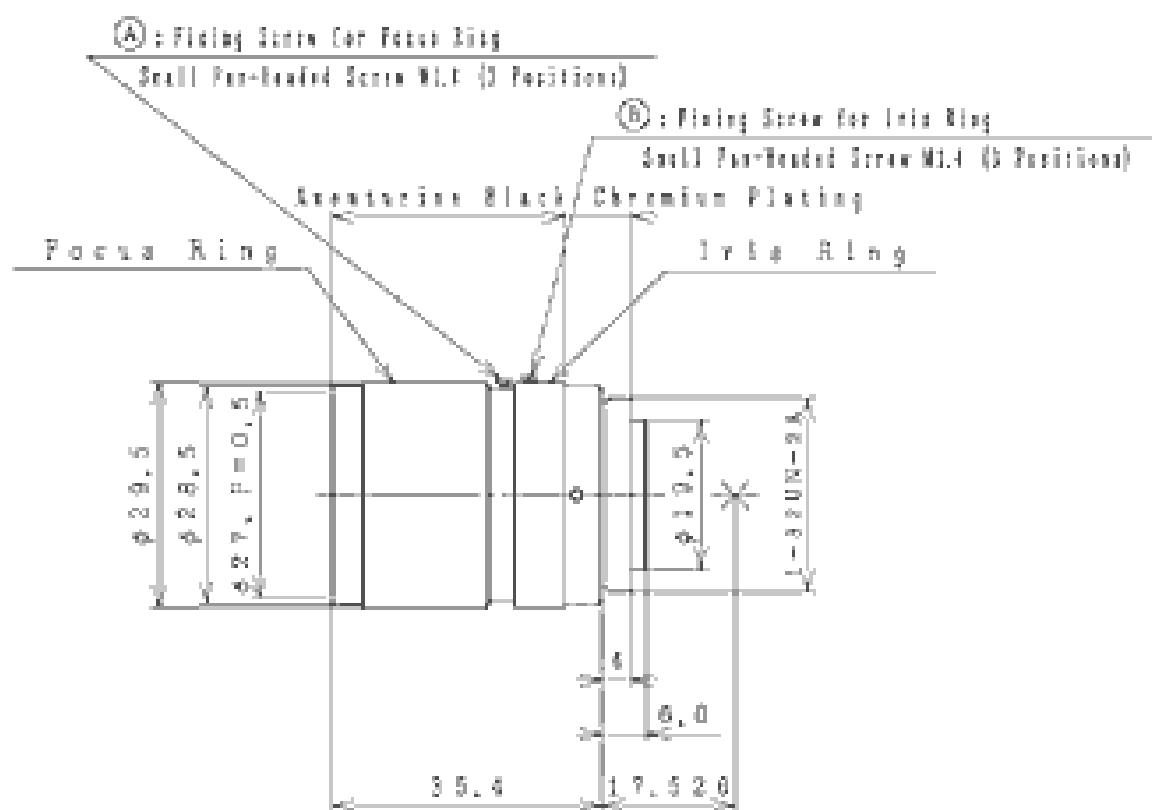
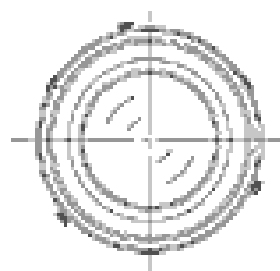


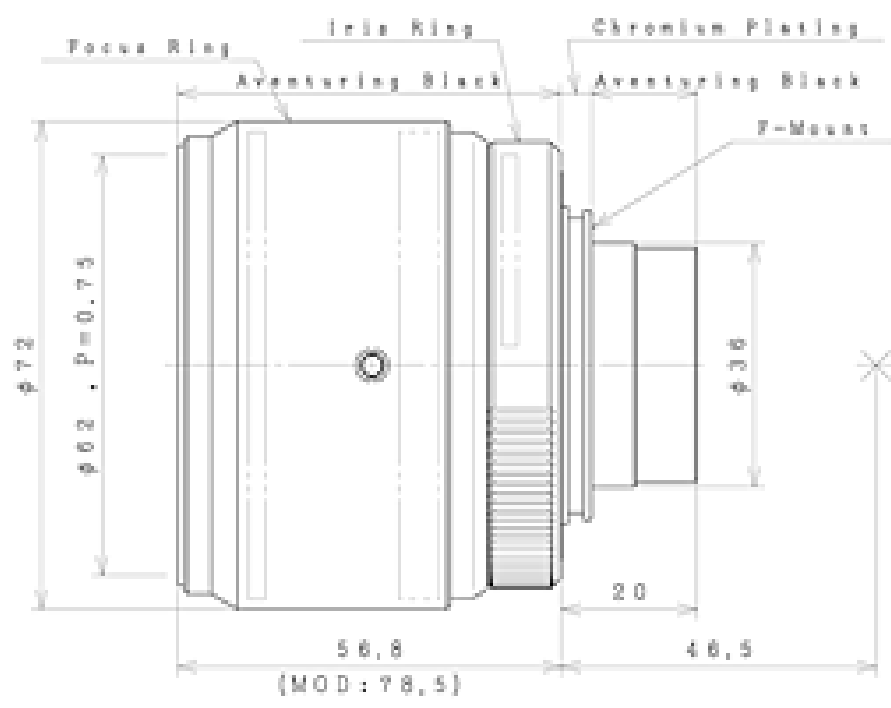
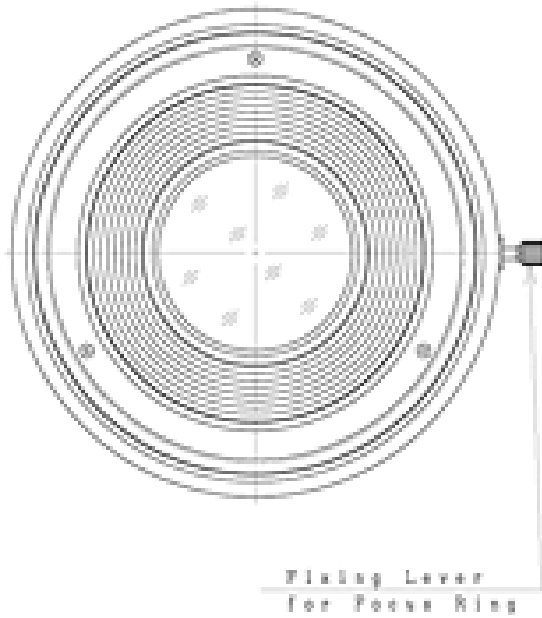
Ⓑ: Fixing Lever
for Iris Ring

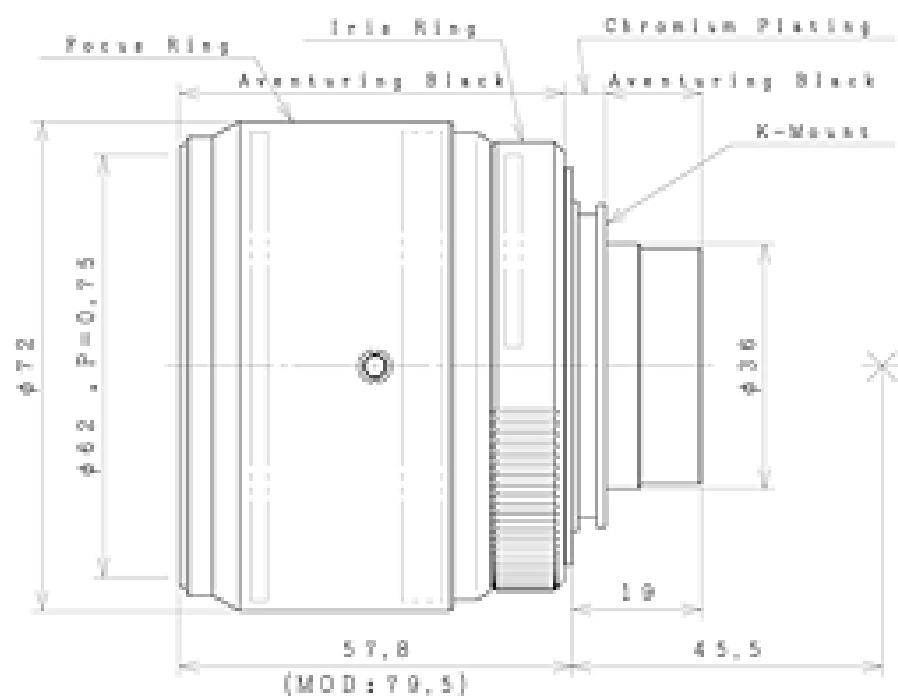
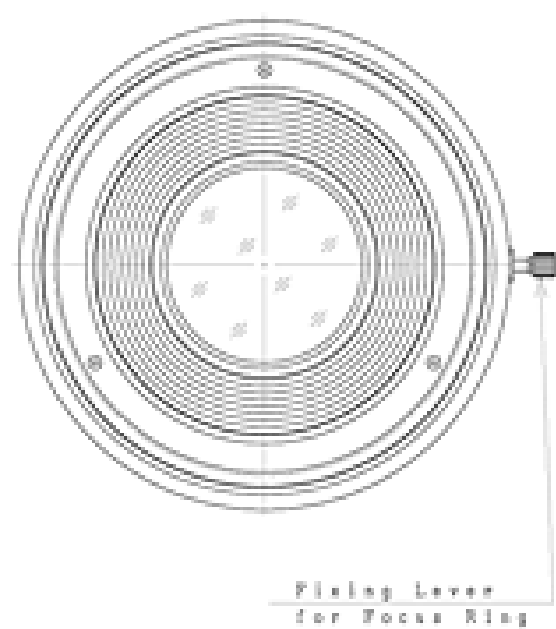


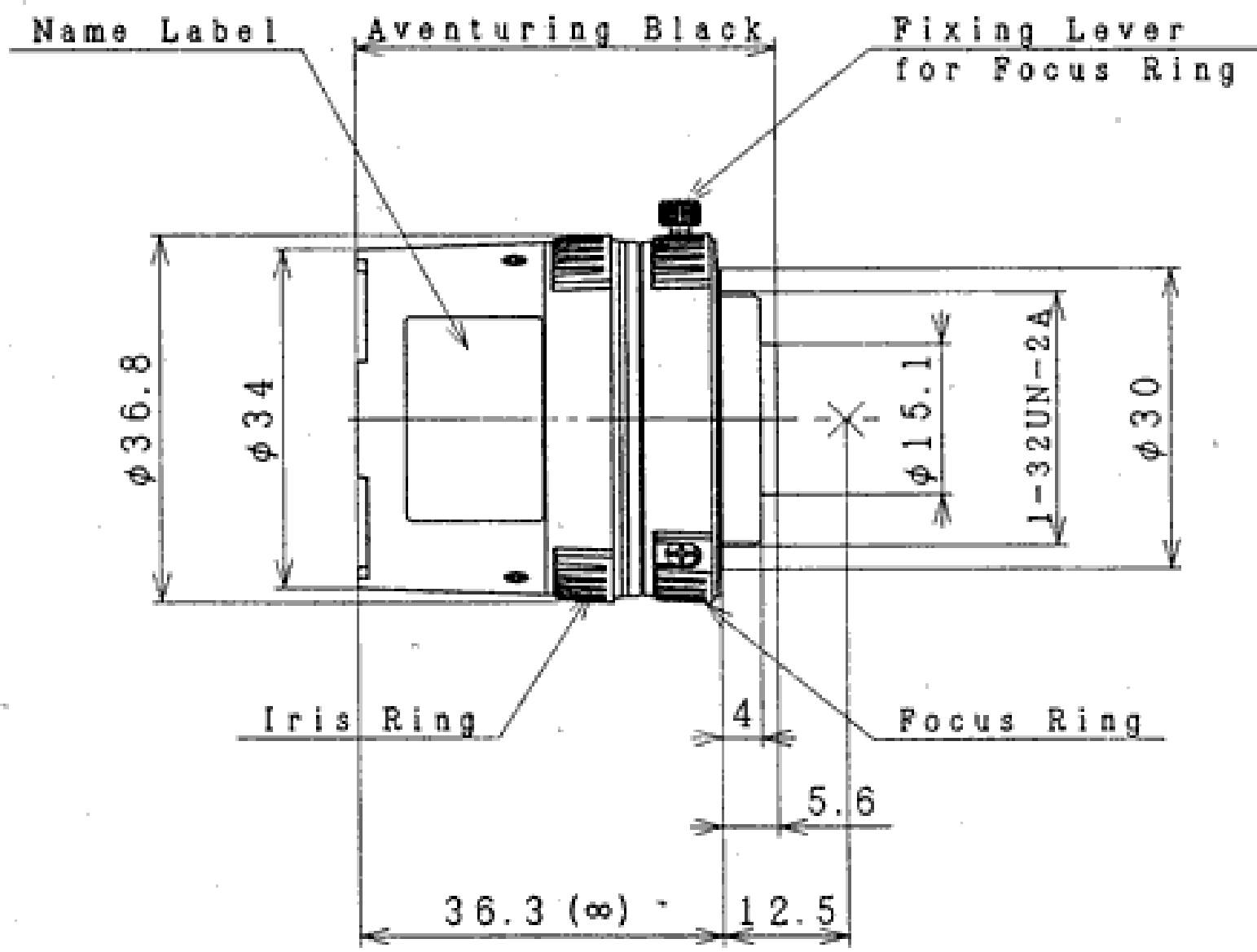


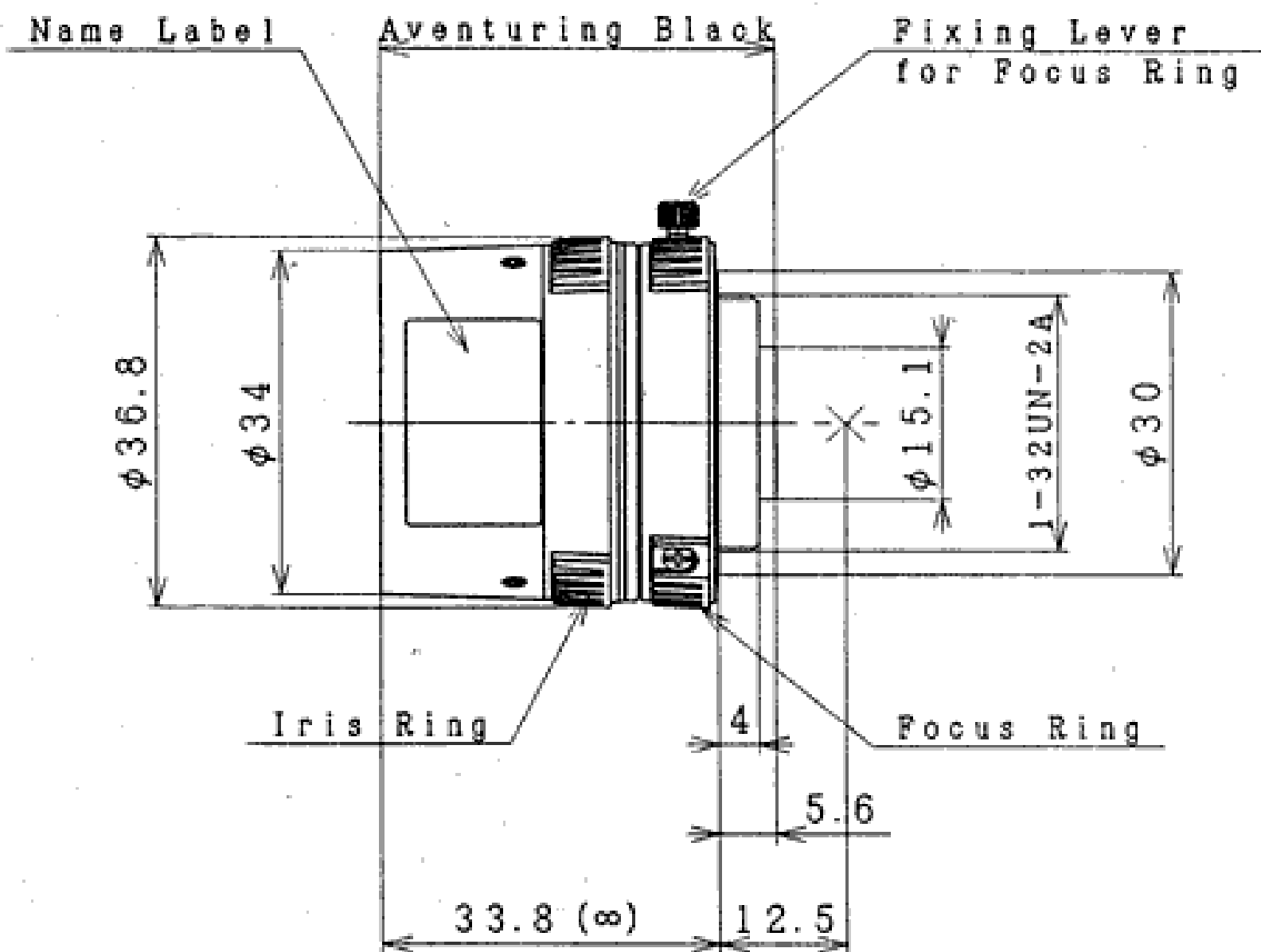
R1, R2, R3, R4	1K Ω $\pm$ 1% 0.1W
VR1, VR2	5K Ω $\pm$ 15% 0.2W

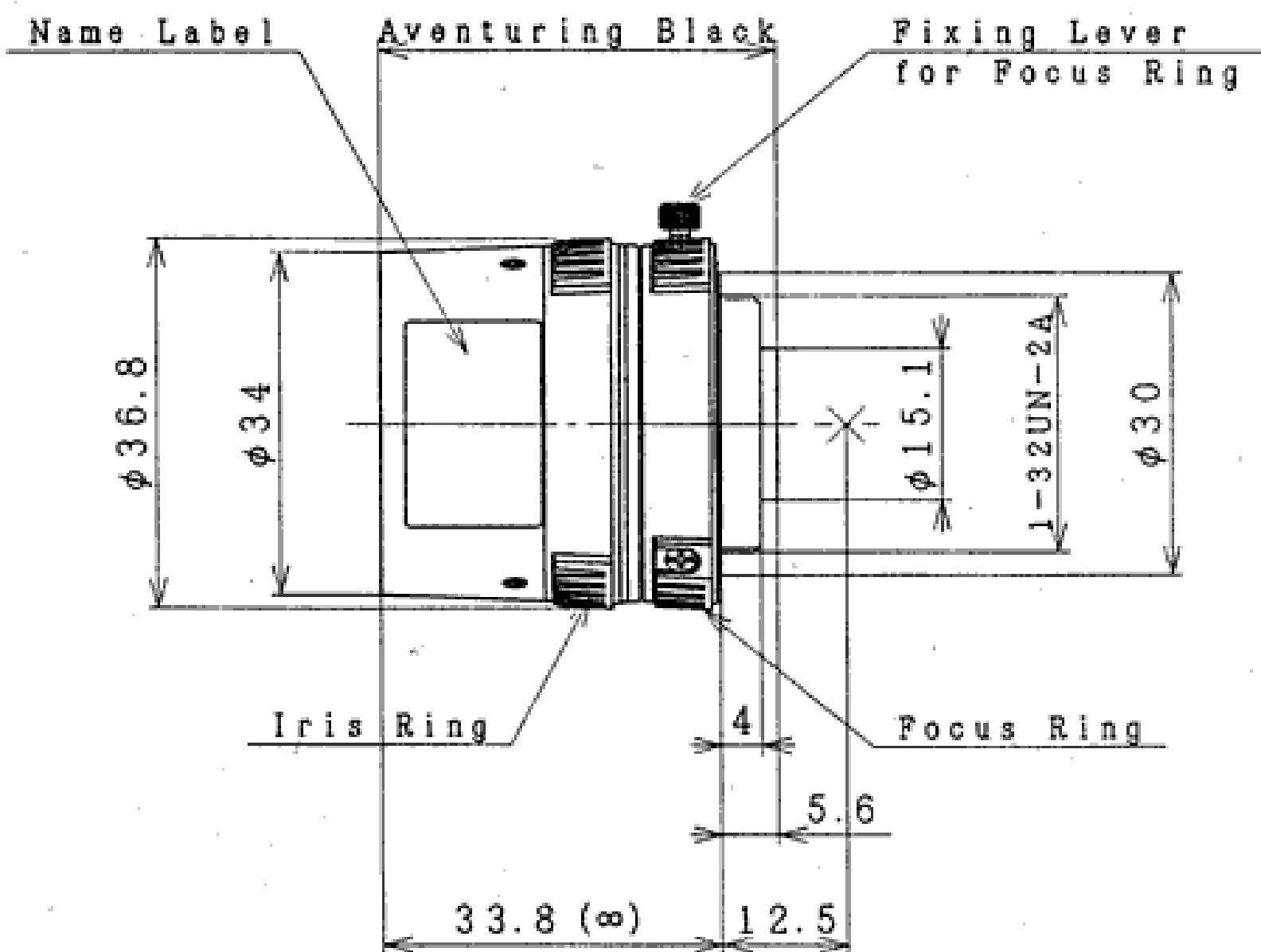


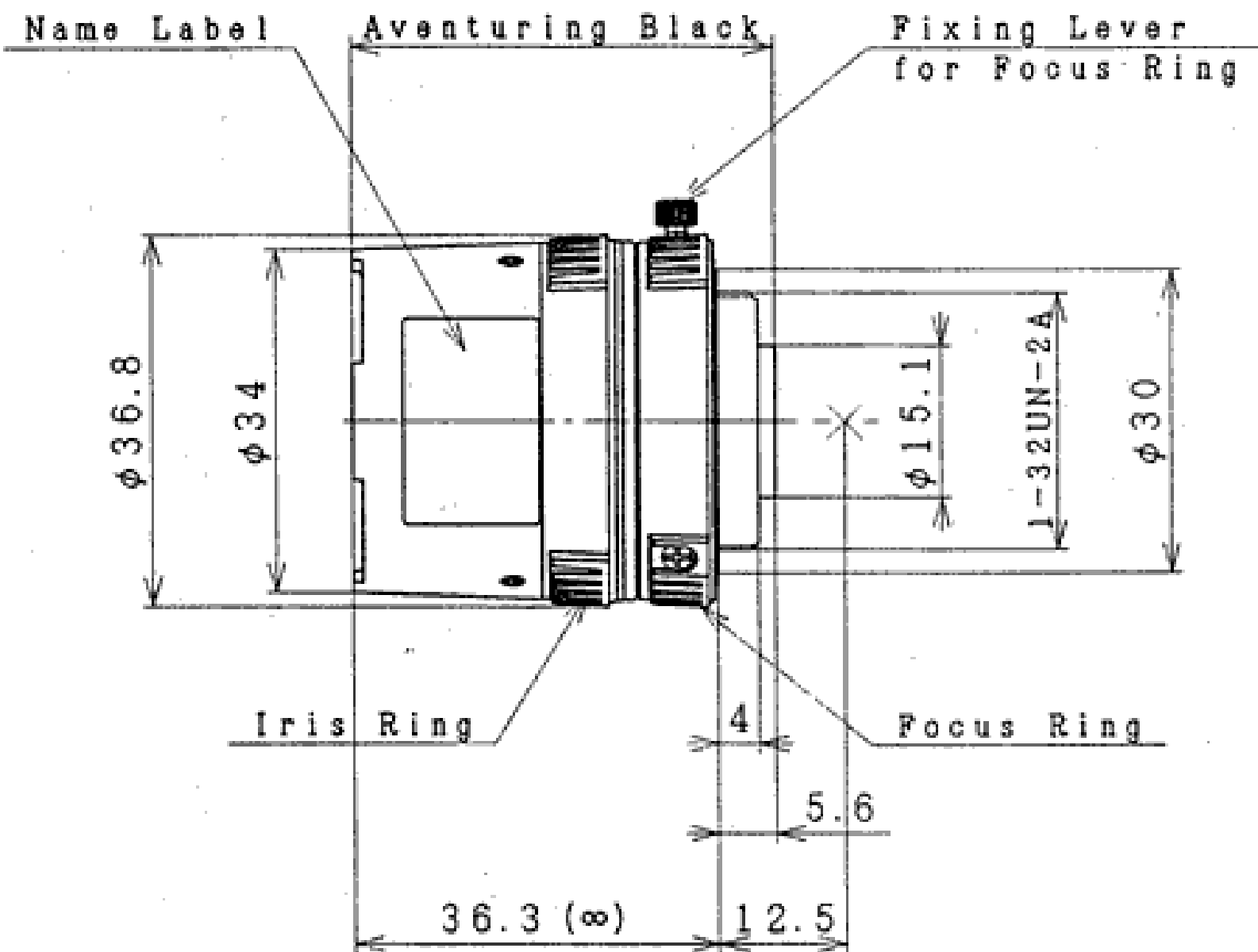




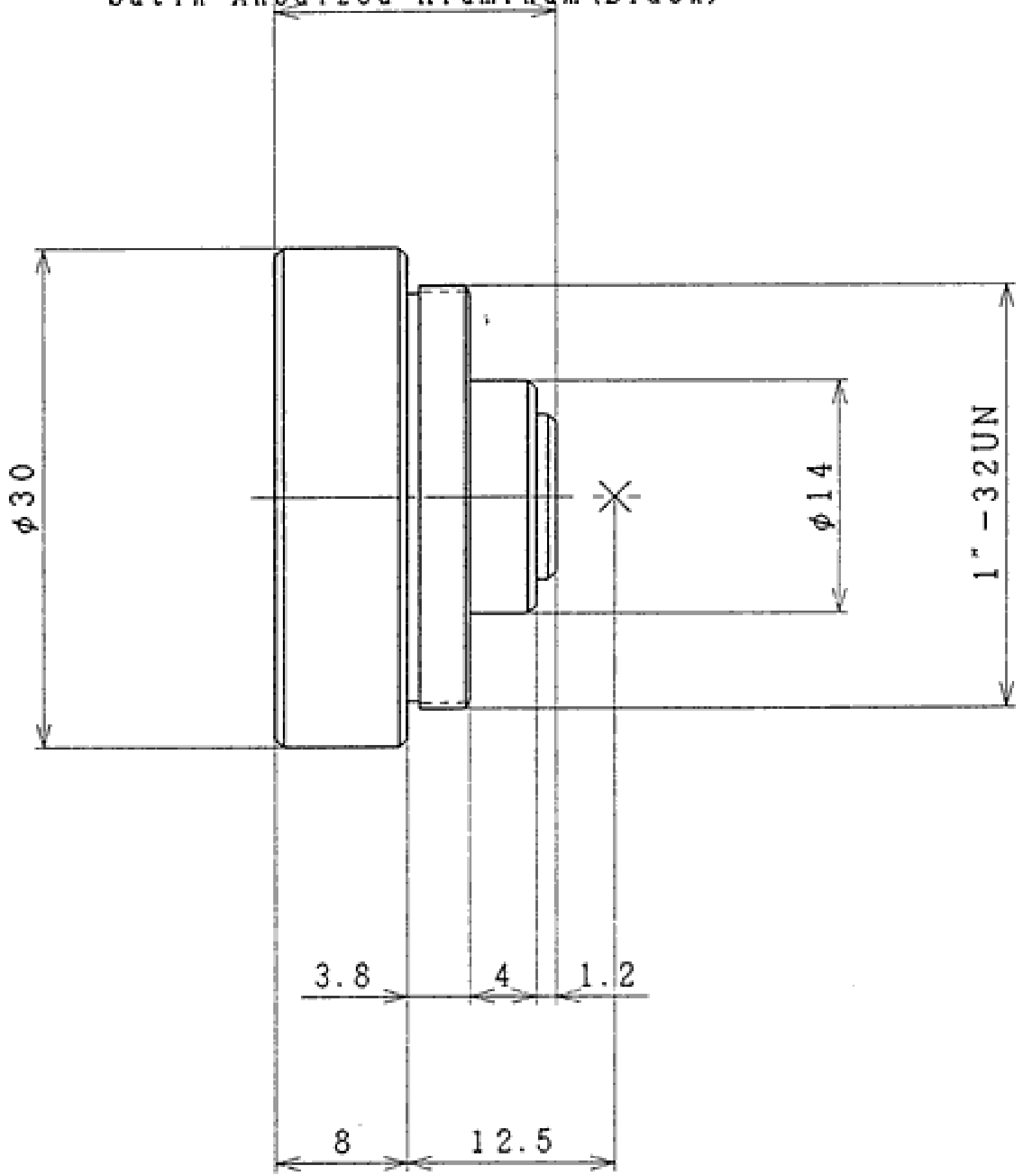








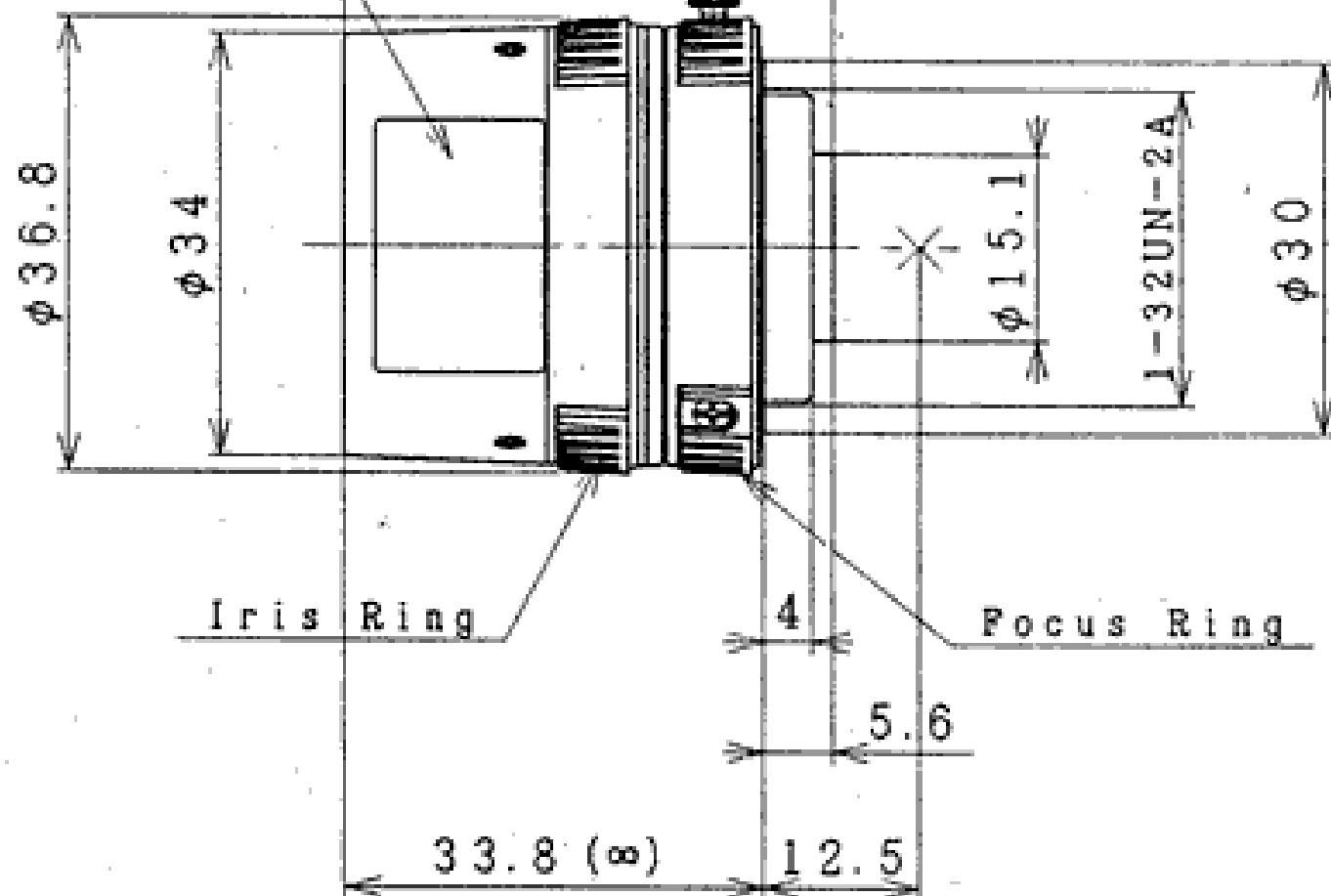
Satin Anodized Aluminum (Black)

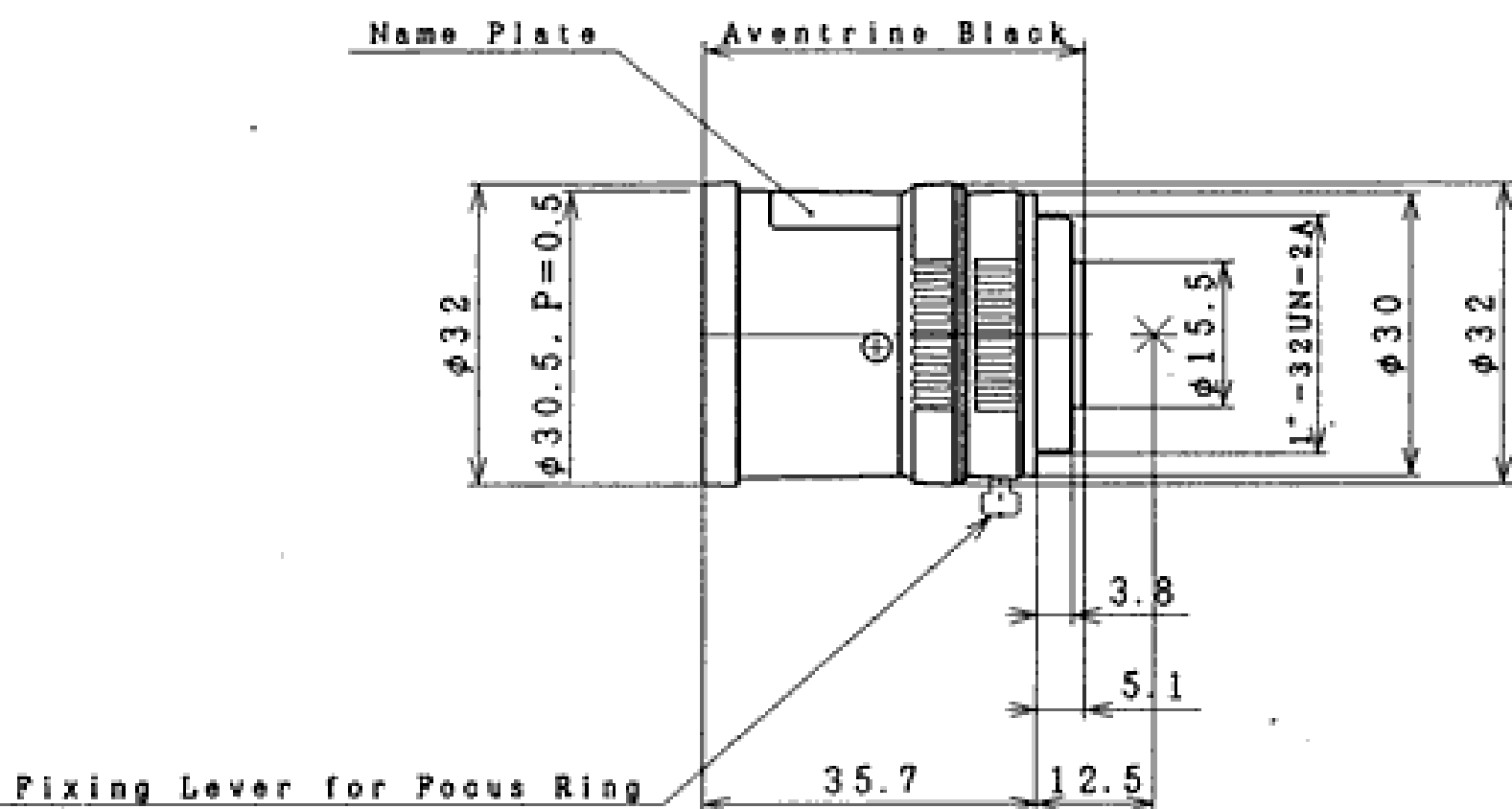


Name Label

Aperturing Black

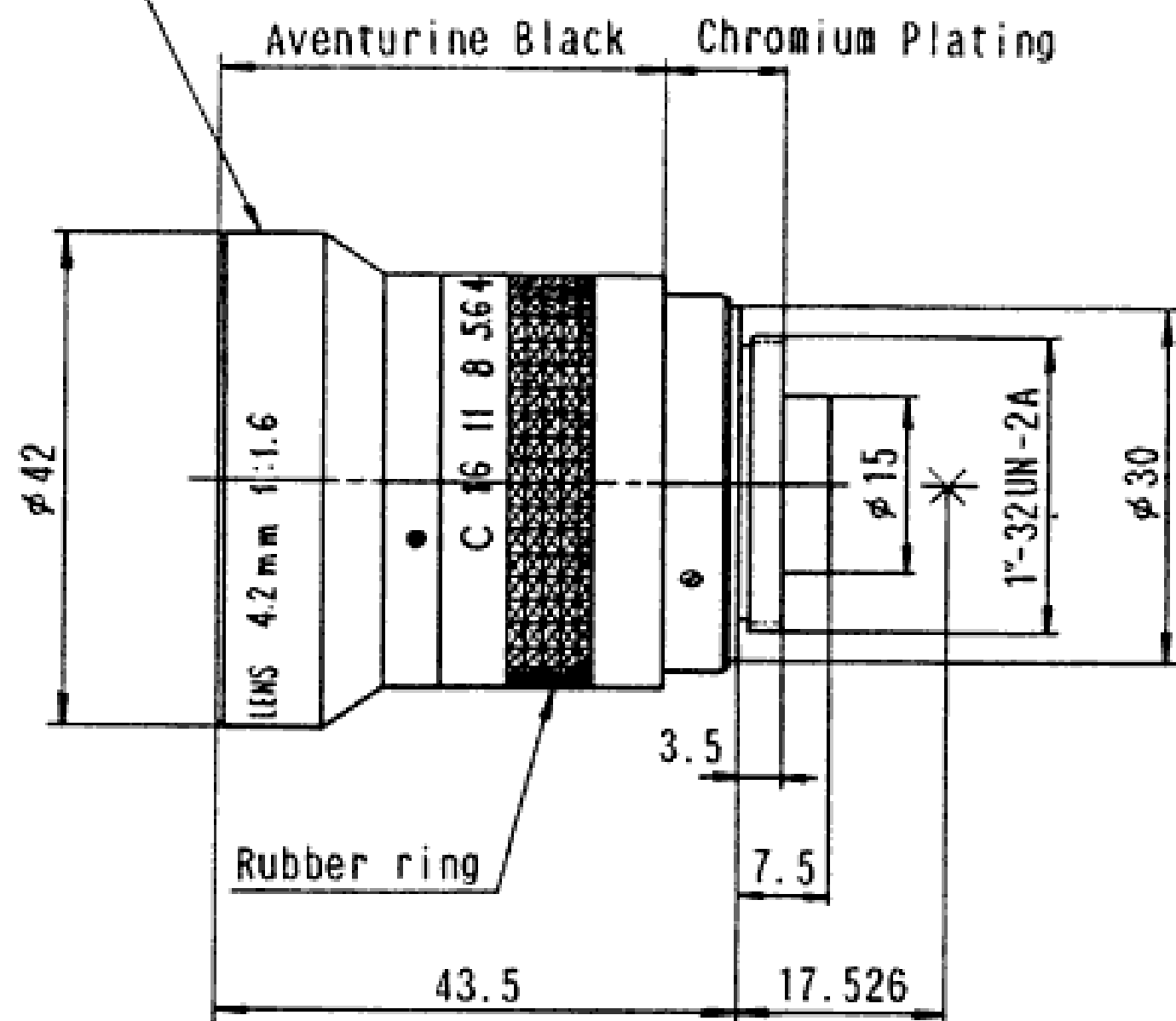
Fixing Lever
for Focus Ring



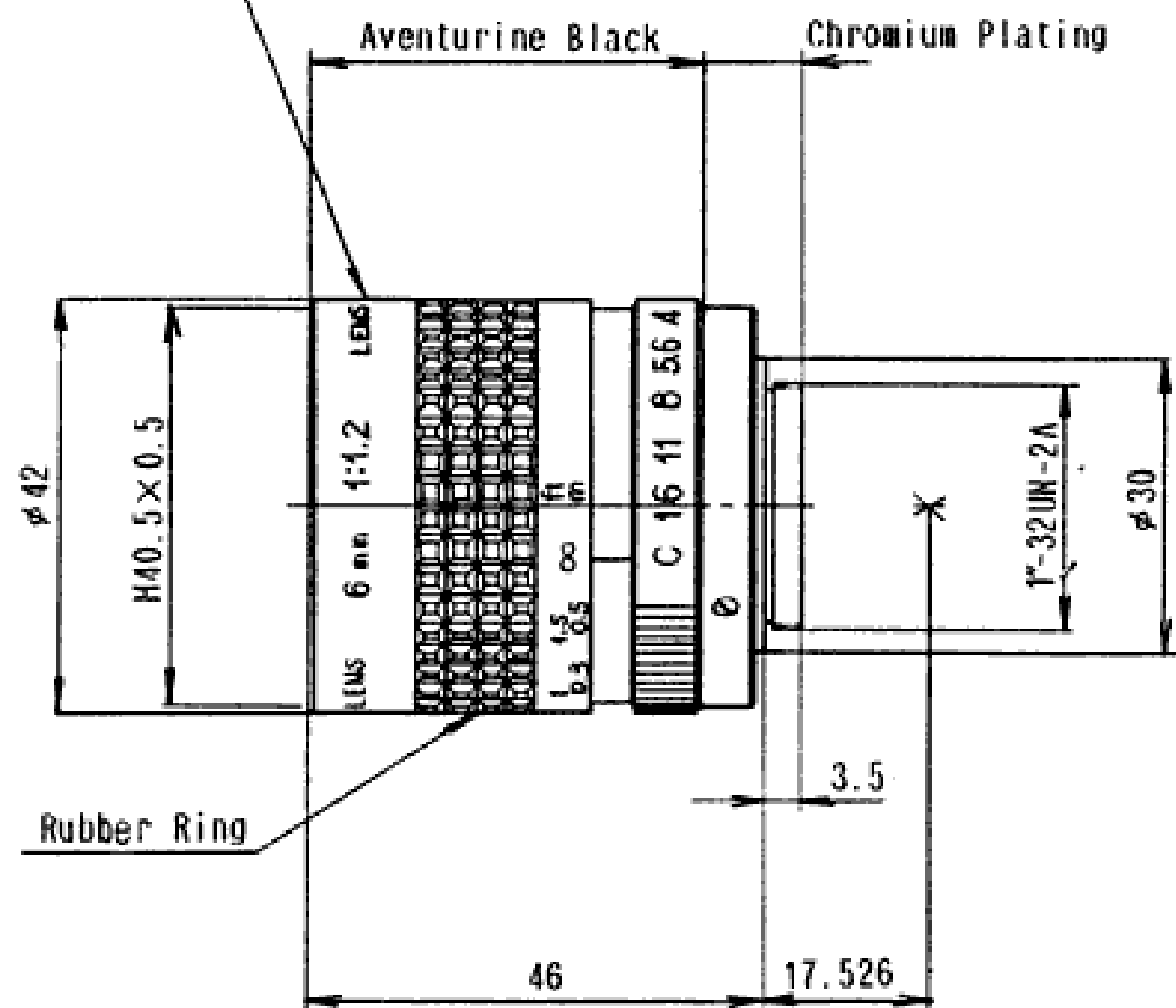


MADE IN JAPAN

COSMICAR TV LENS 4.2mm 1:1.6



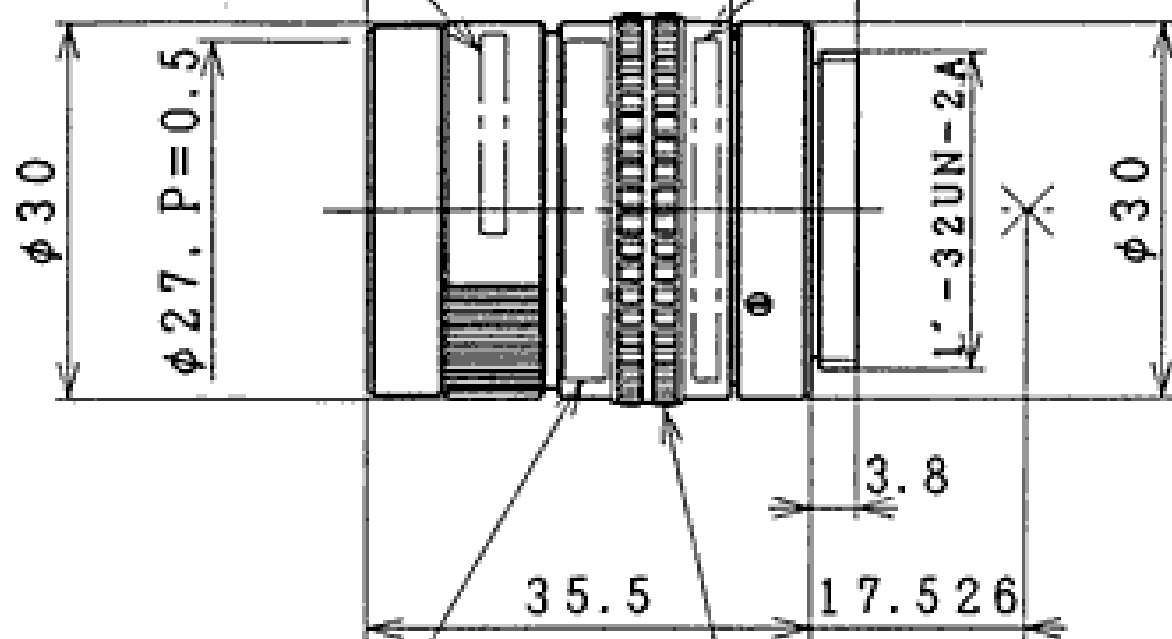
COSMICAR TELEVISION LENS 8mm 1:1.2



MADE IN JAPAN COSMICAR TV LENS 12mm 1:1.2

Aventurine Black Chromium Plating

Iris Scale



$\phi 30$

35.5

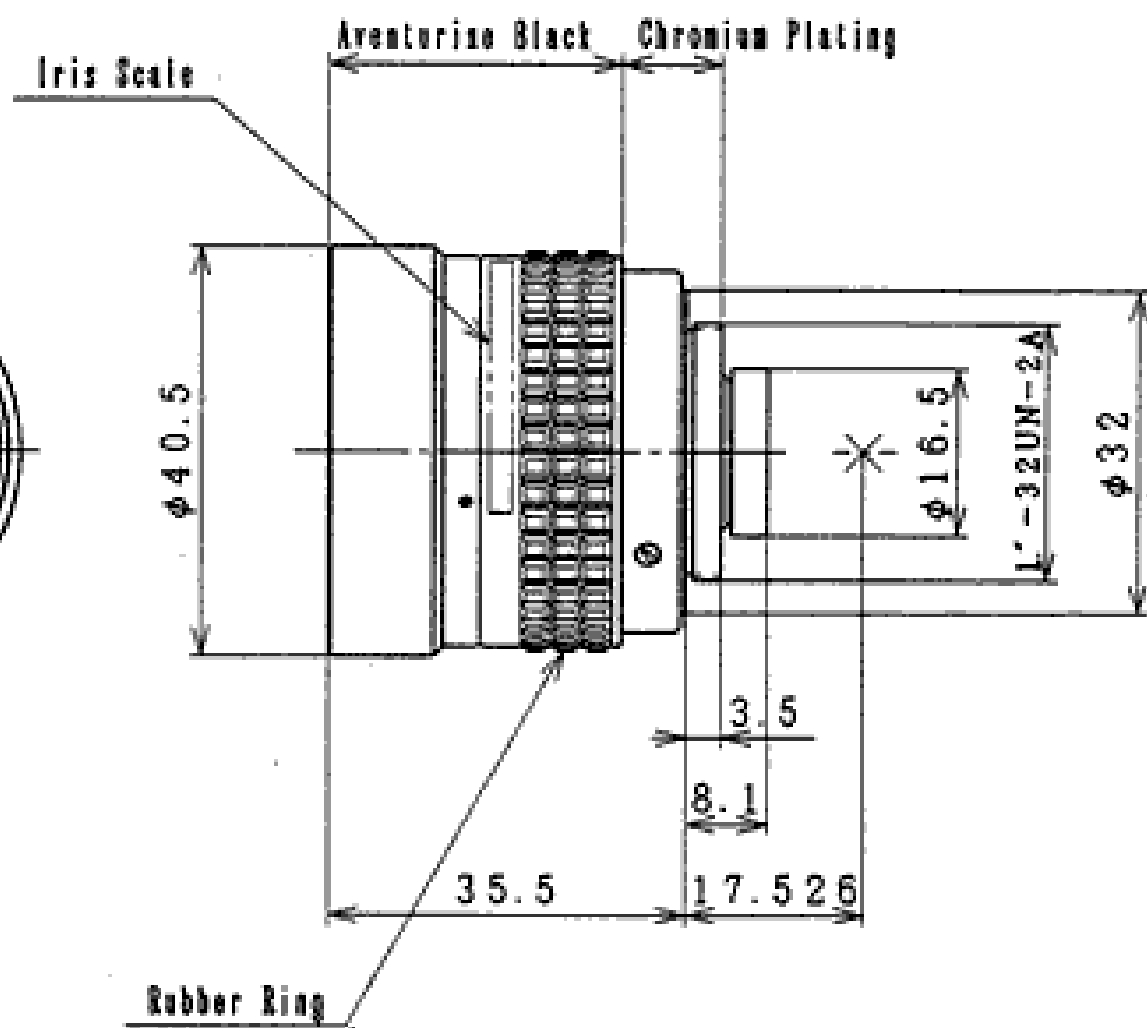
3.8

17.5 26

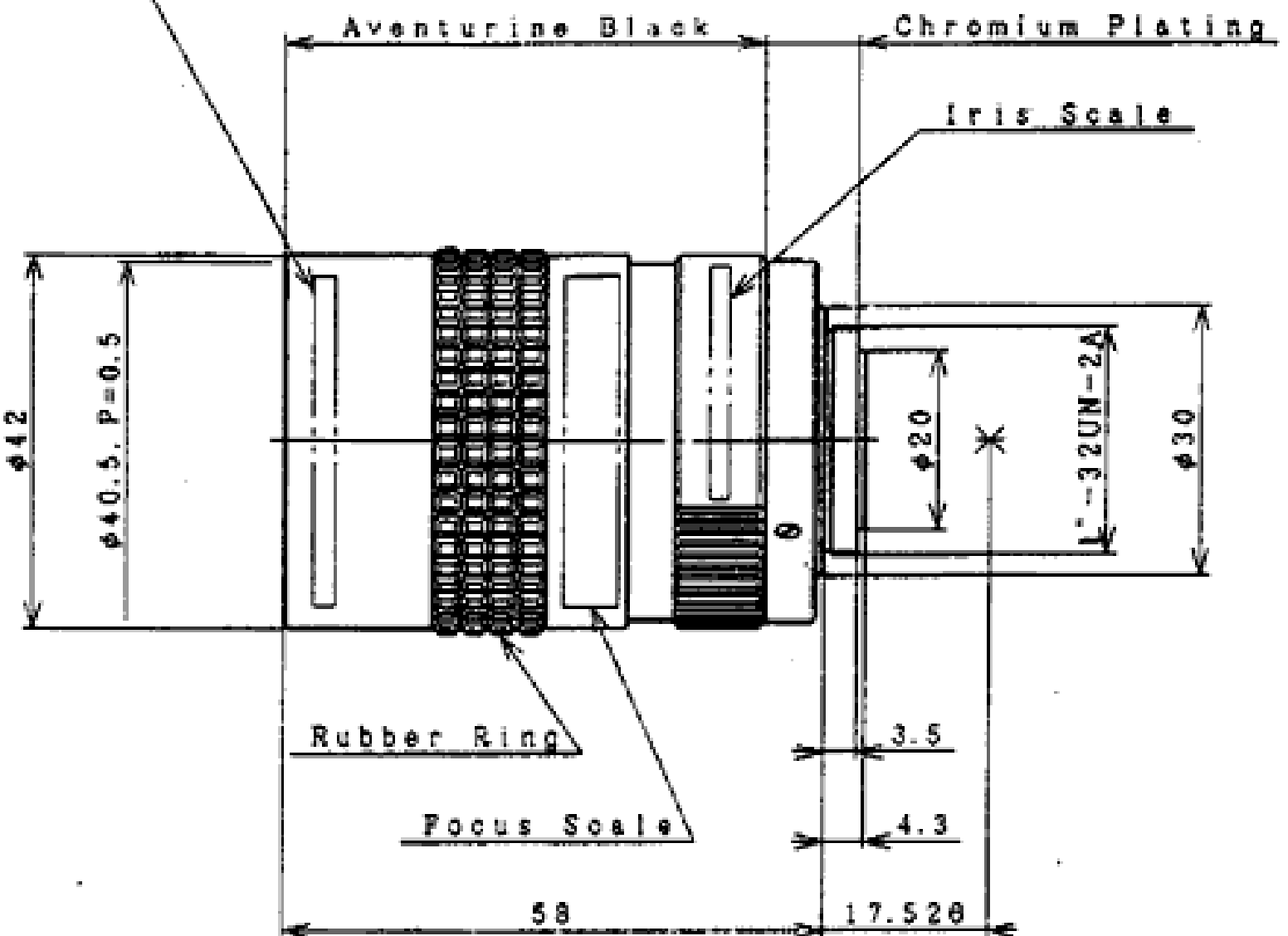
1.2-32UN-2A

Rubber Ring

Focus Scale

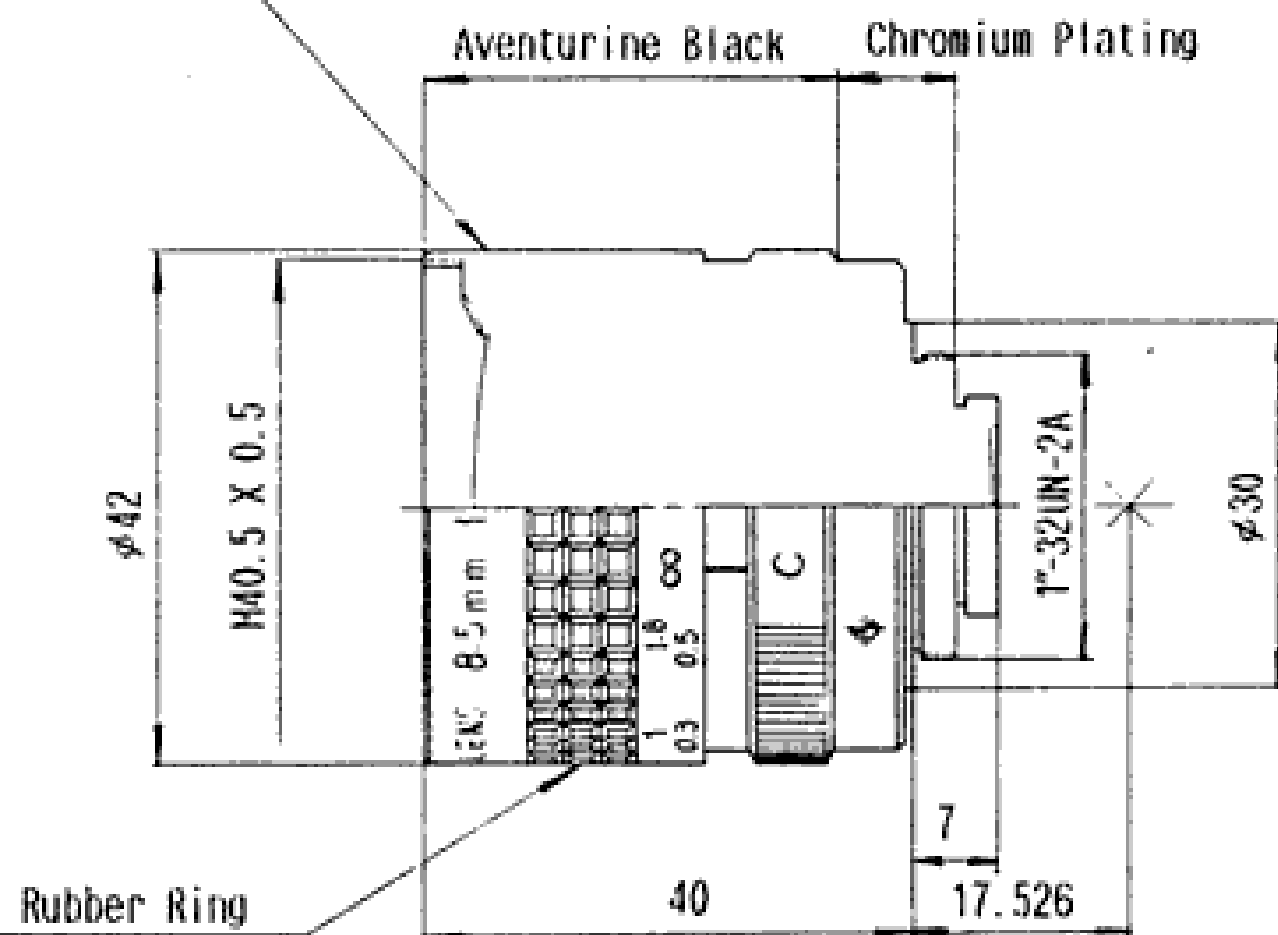


LENS MADE IN JAPAN ~~COBALT~~ TELEVISION LENS 8mm 1:1.4



LENS MADE IN JAPAN

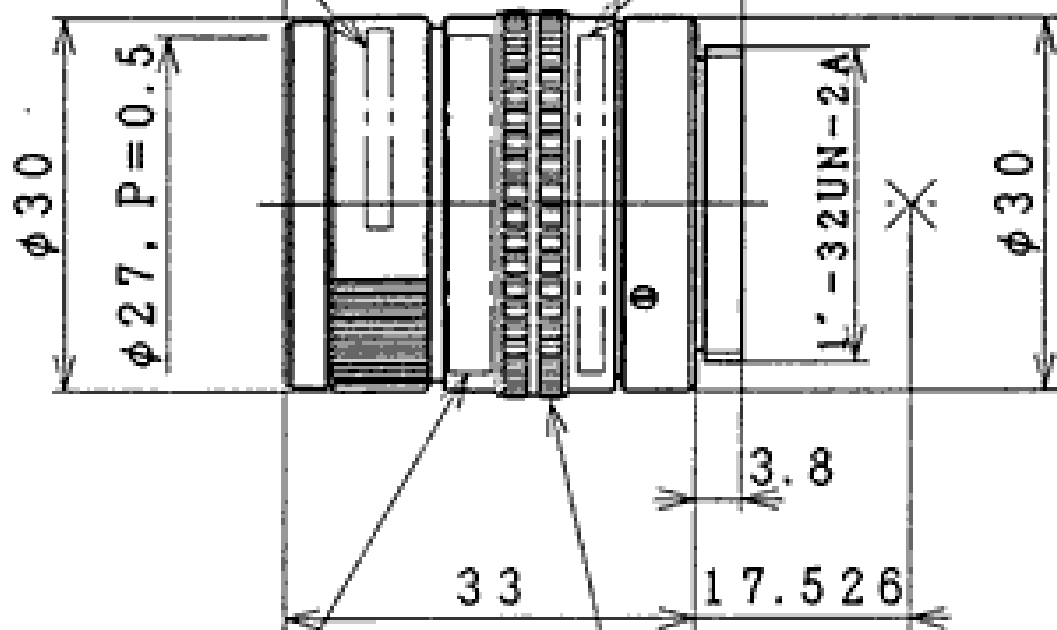
COSMICAR TELEVISION LENS 8.5mm 1:1.5



16mm 1:1.4

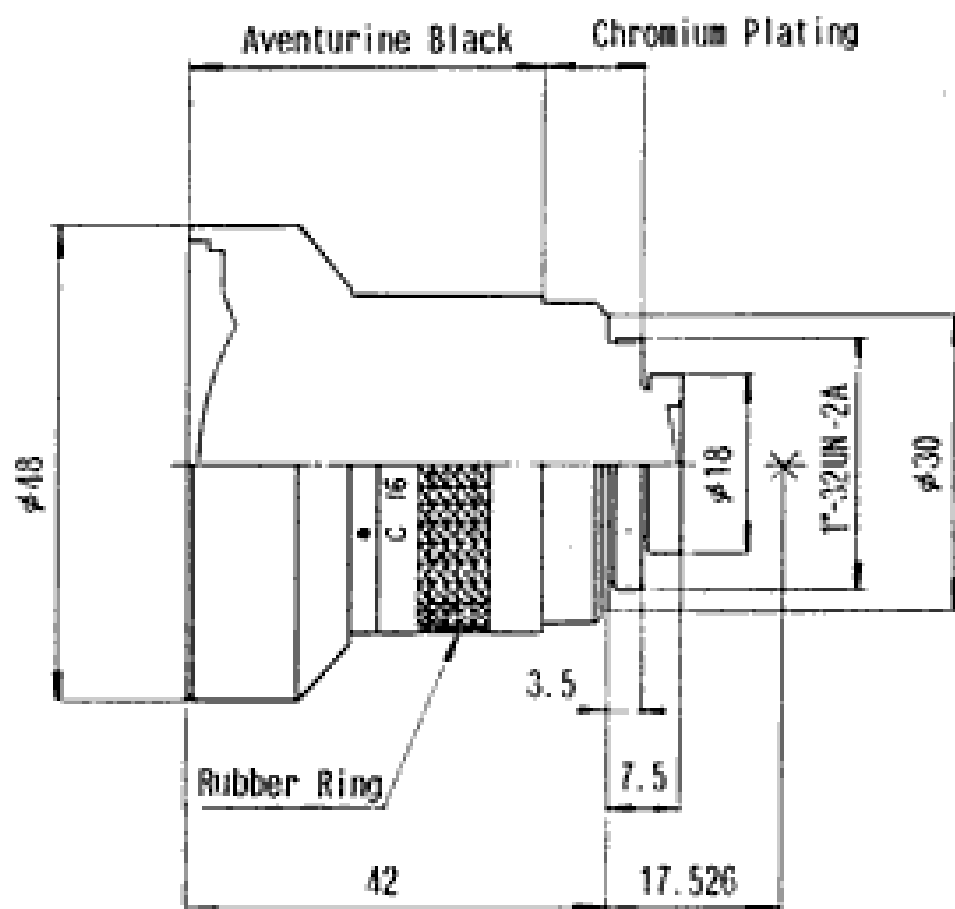
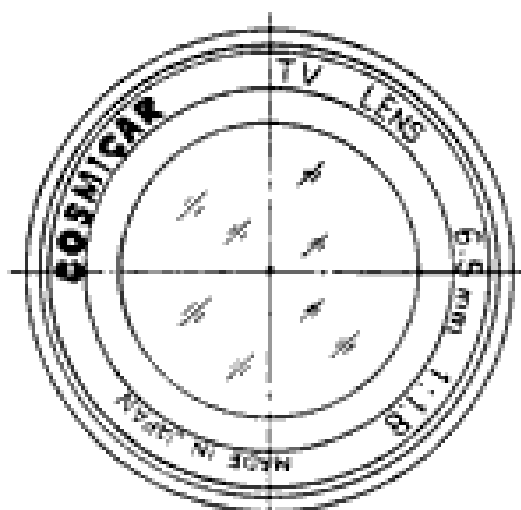
~~Plating~~

Iris Scale



Focus Scale

Rubber Ring



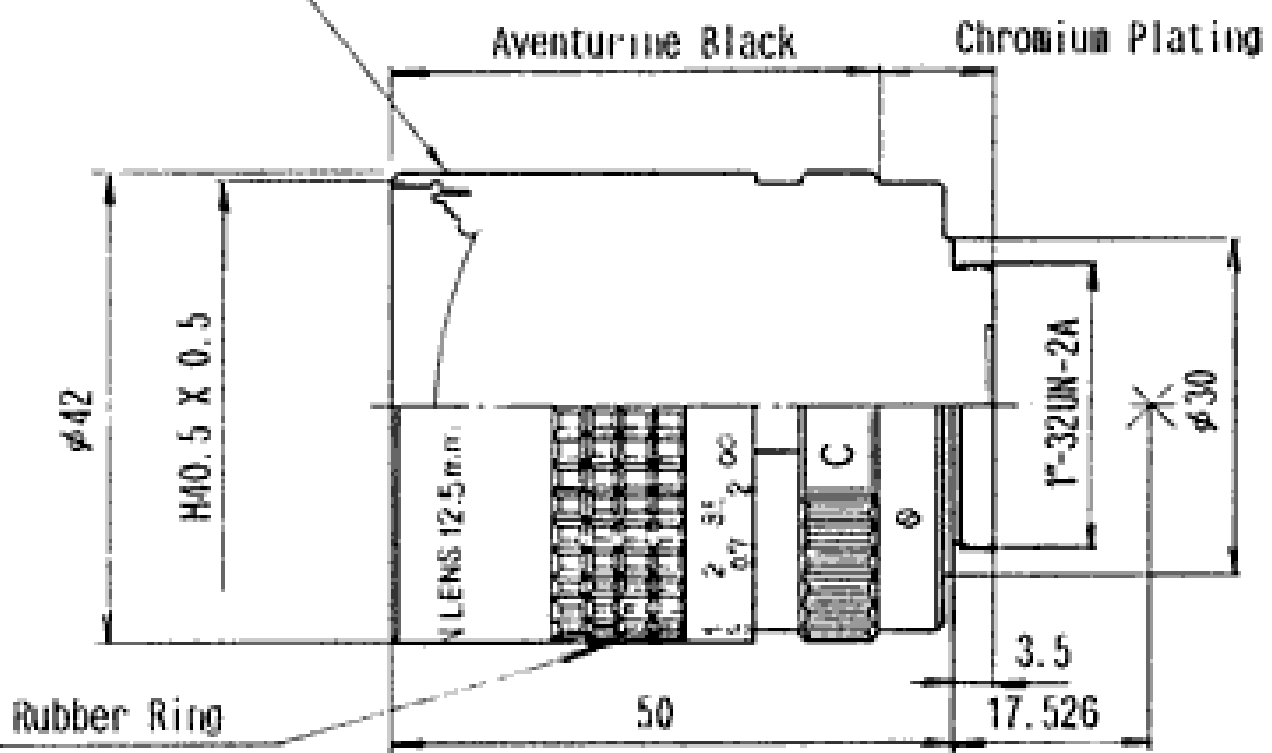
LENS MADE IN JAPAN

COSMICAR

TELEVISION LENS

12.5 mm

1:1.4



LENS MADE IN JAPAN

COSMICAR

TELEVISION LENS

12.5 mm 1:1.8

Aventurine Black

Chromium Plating

$\phi 42$

M40.5 X 0.5

LENS 12.5 mm

1.5 3.5 8

C

6

* 1"-32UN-2A

$\phi 30$

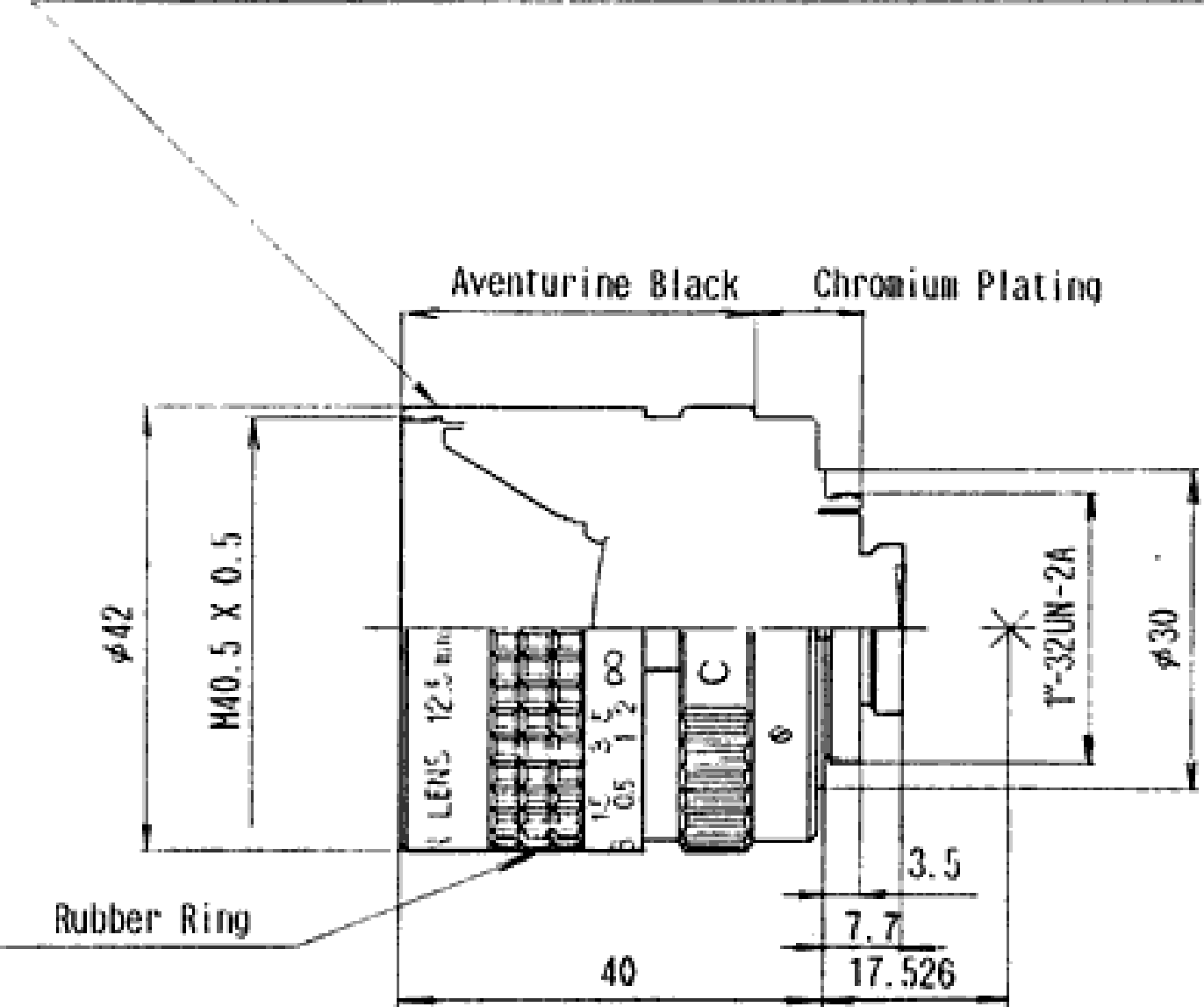
Rubber Ring

3.5

7.7

17.526

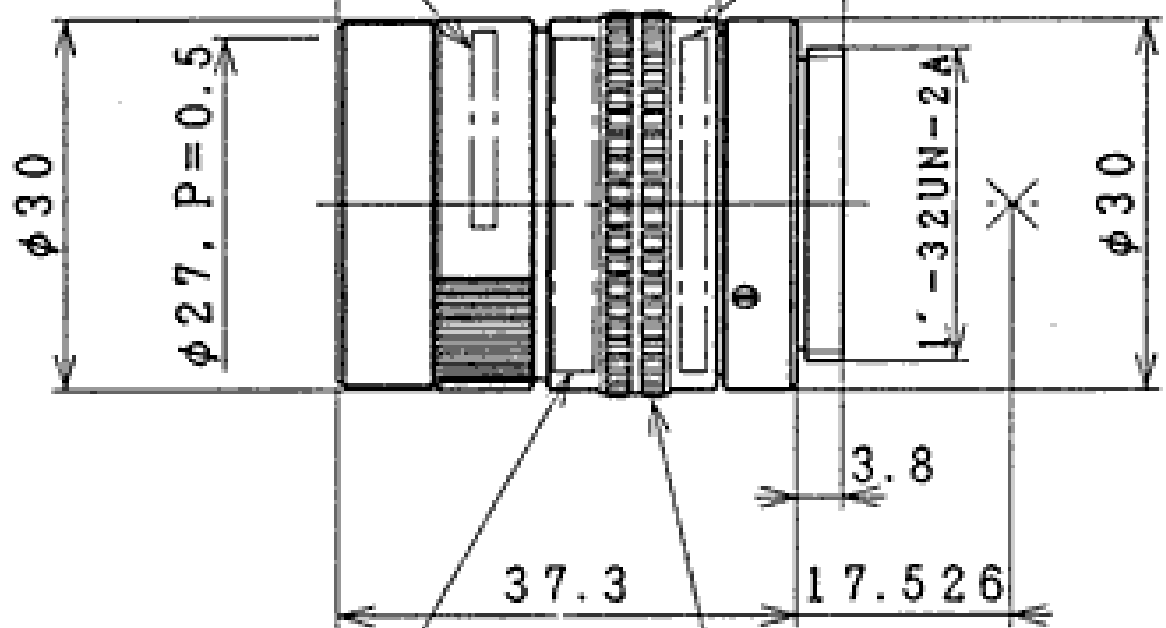
40



MADE IN JAPAN COSMICAR TV LENS 25mm 1:1.4

Aventurine Black Chromium Plating

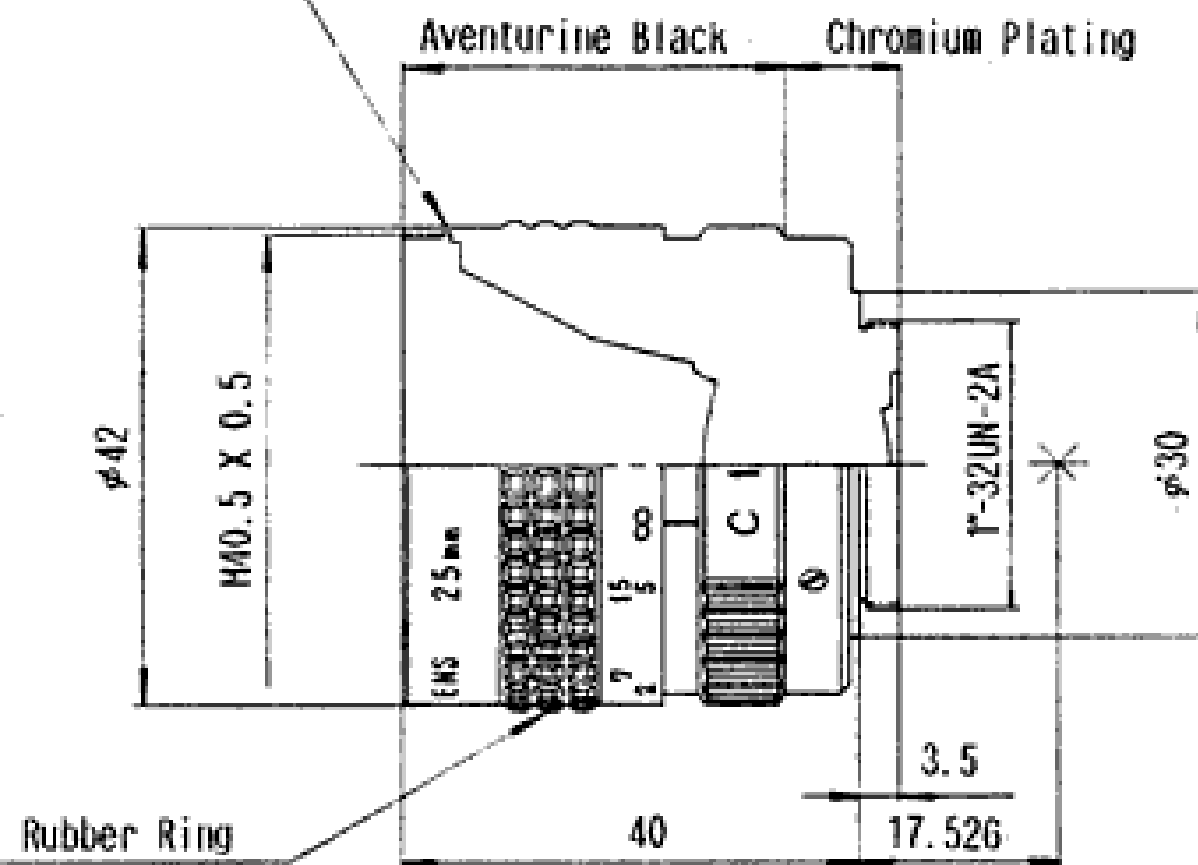
Iris Scale



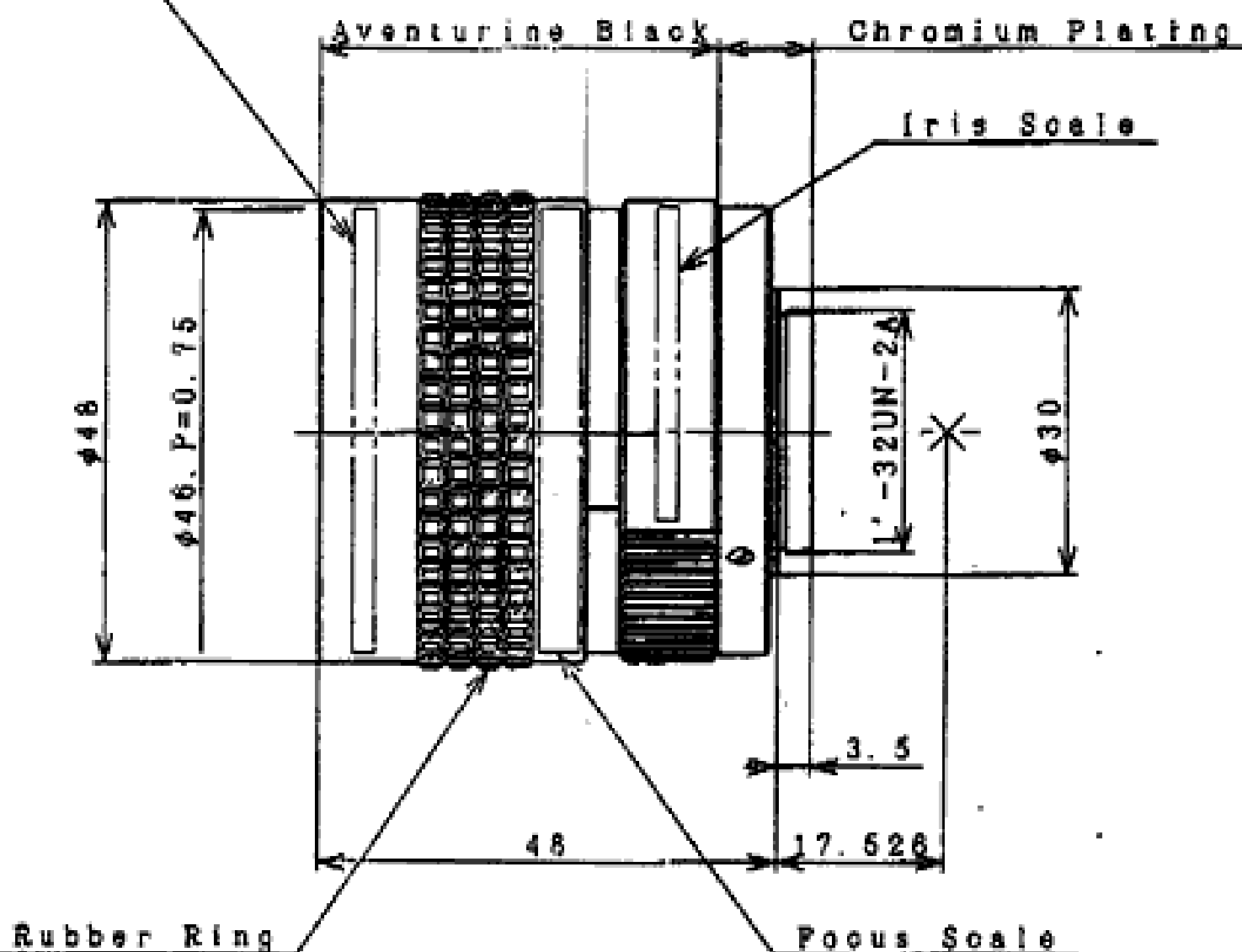
Focus Scale

Rubber Ring

LENS MADE IN JAPAN COSMICAR TELEVISION LENS 25mm 1:1.8



LENS MADE IN JAPAN COSMICAN TELEVISION LENS 50mm 1:1.4

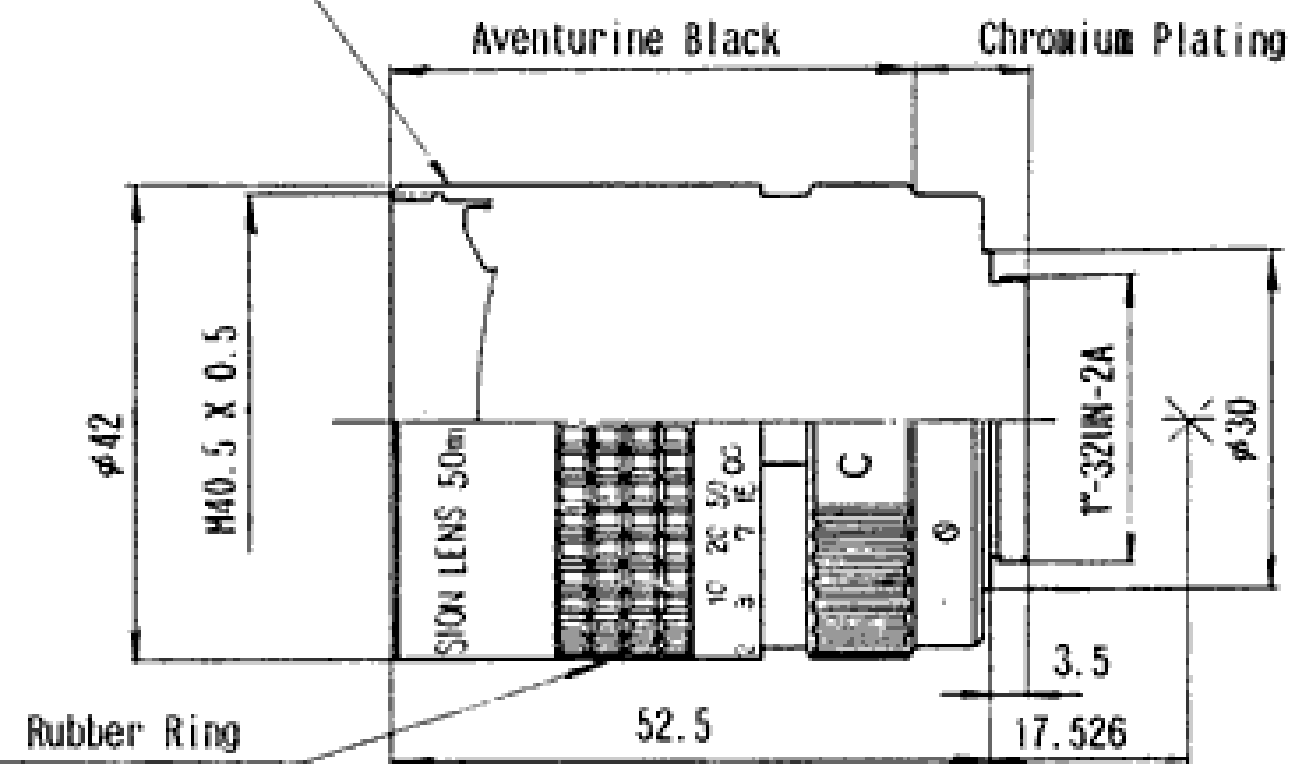


LENS MADE IN JAPAN

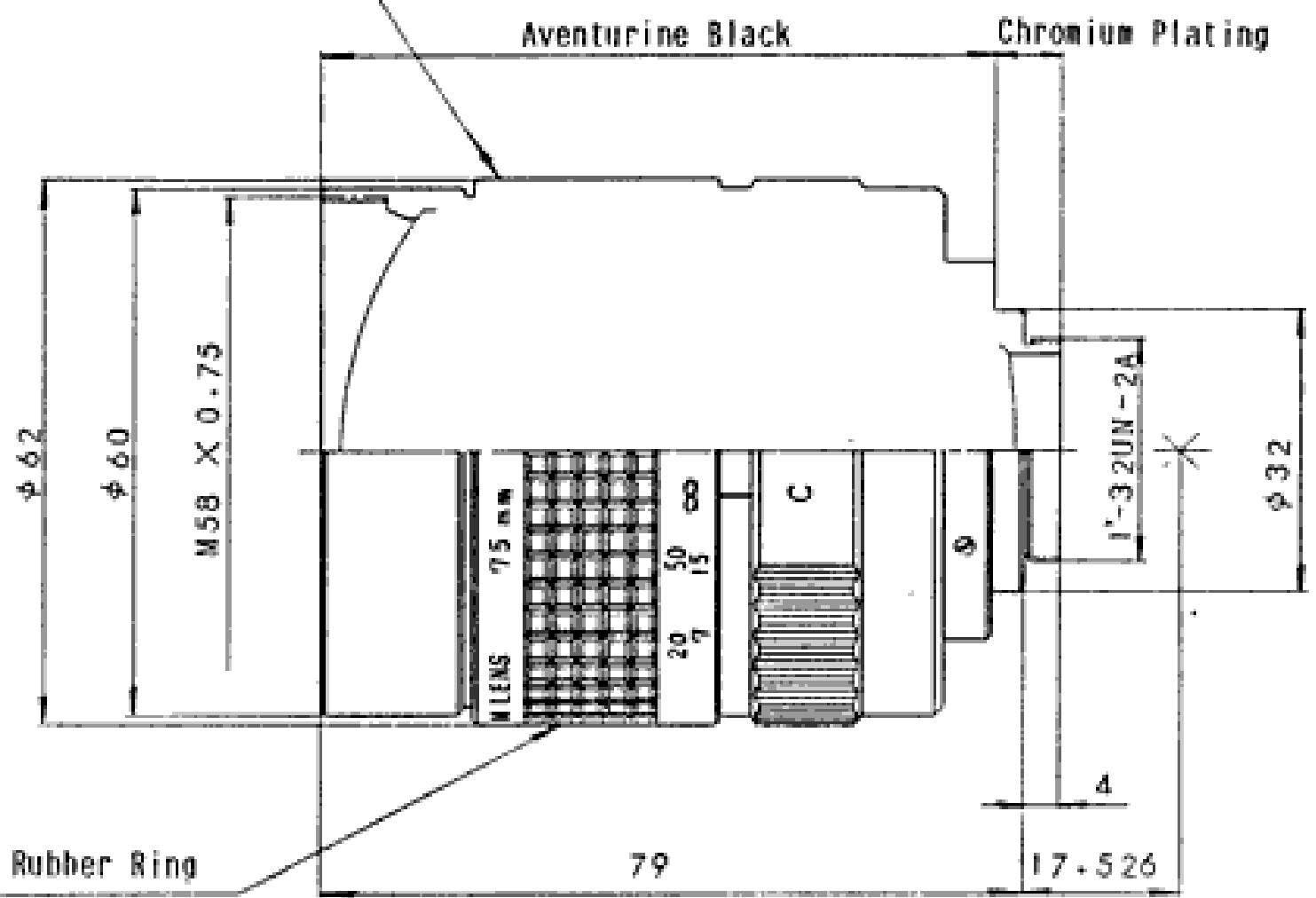
COSMICAR

TELEVISION LENS

50mm 1:1.8



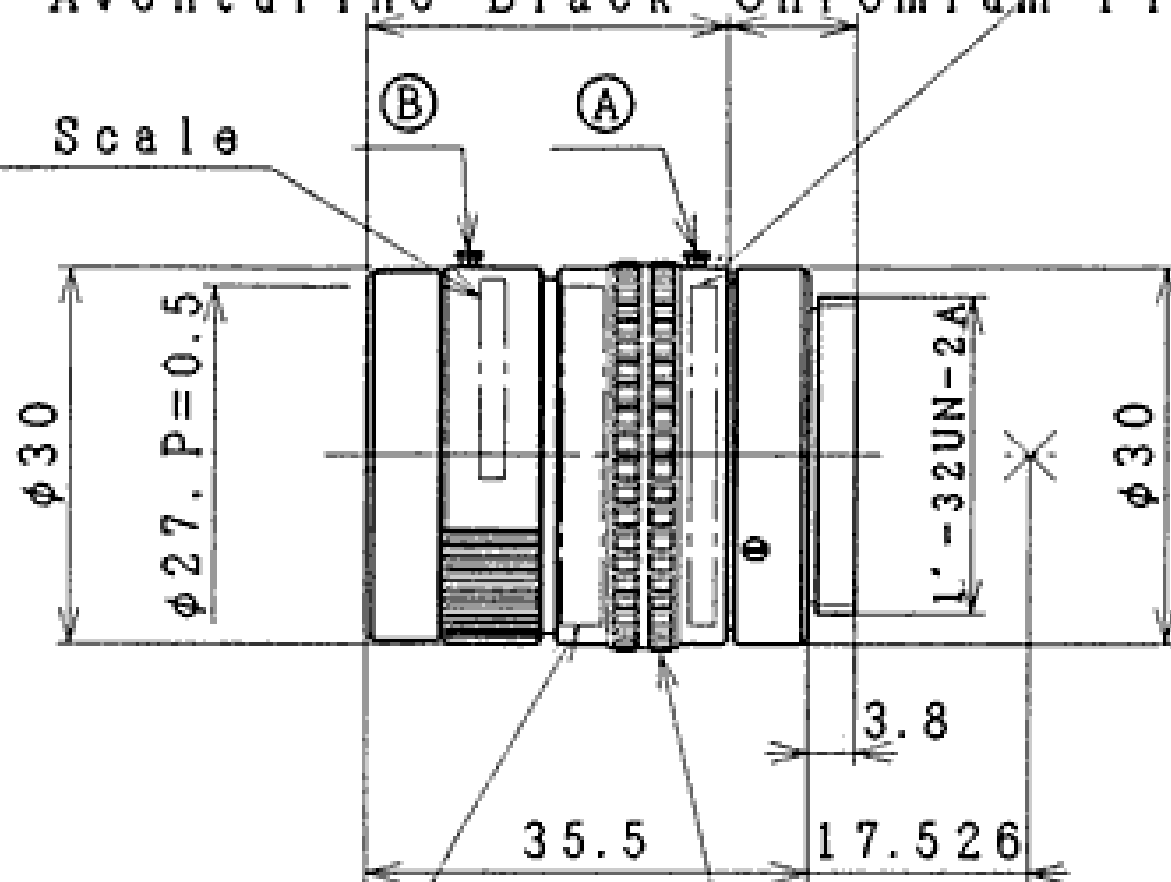
LENS MADE IN JAPAN COSMICAR TELEVISION LENS 75mm 1:1.4



MADE IN JAPAN **COSMICAR/PENTAX** TV LENS 12mm 1:1.2

Aventurine Black Chromium Plating

Iris Scale



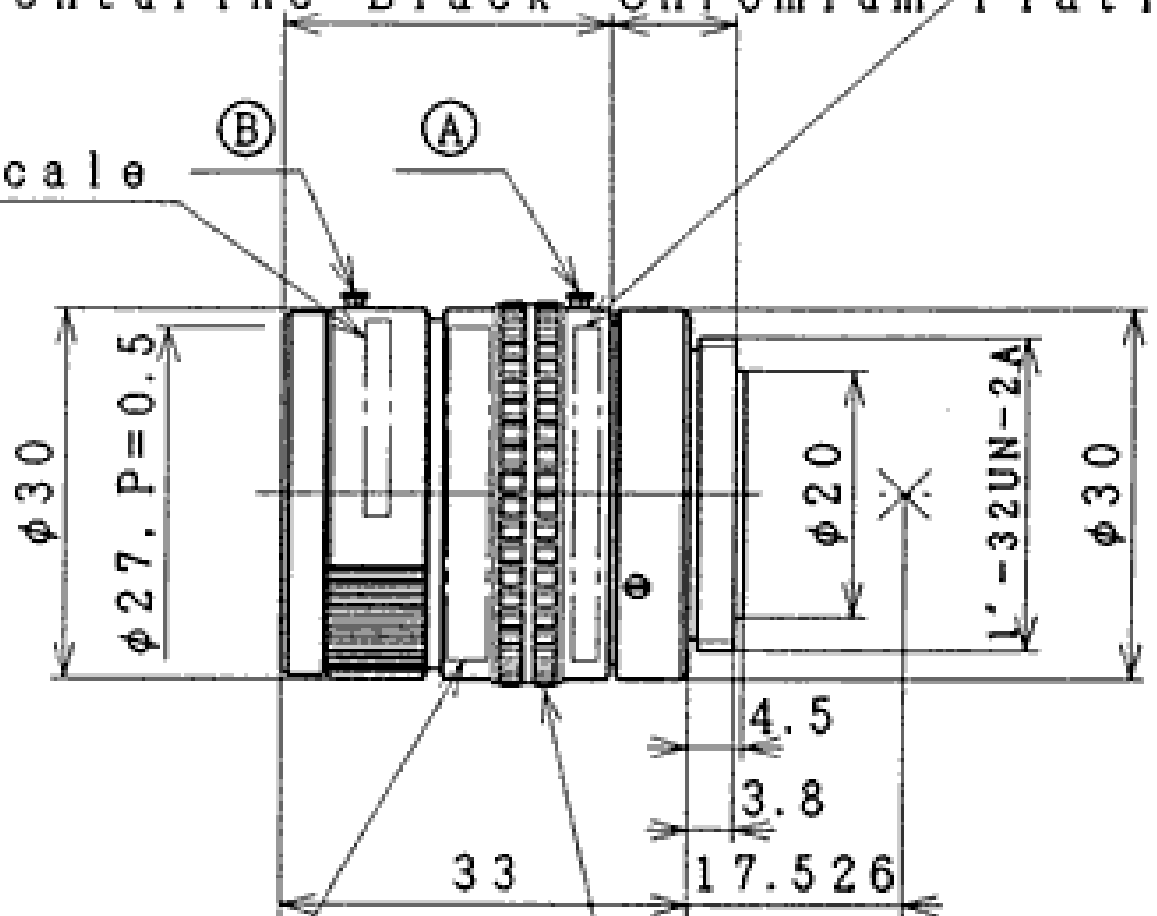
Focus Scale

Rubber Ring

MADE IN JAPAN **COSMICAR/PENTAX** TV LENS 16mm 1:1.4

Aventurine Black Chromium Plating

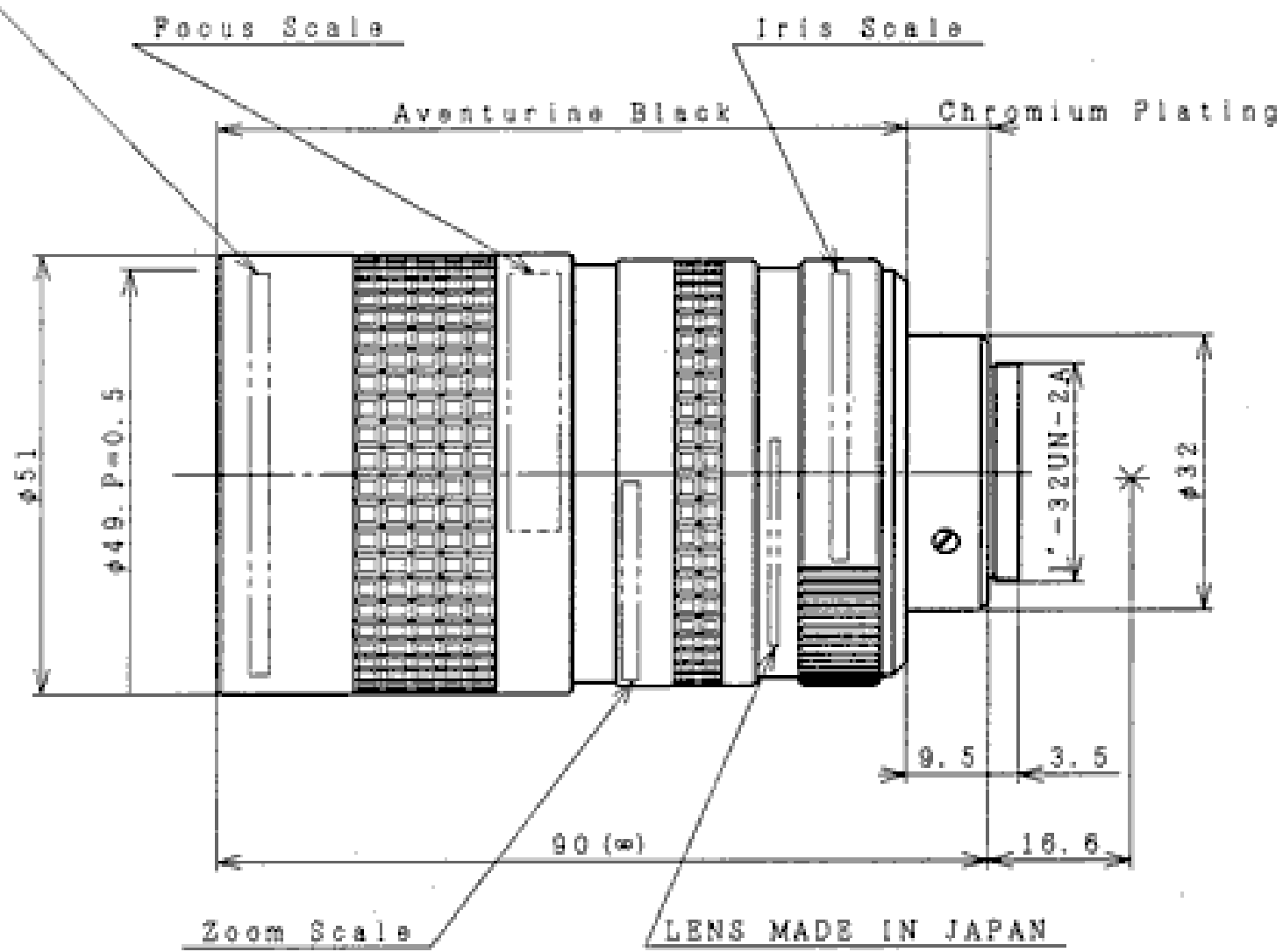
Iris Scale



Focus Scale

Rubber Ring

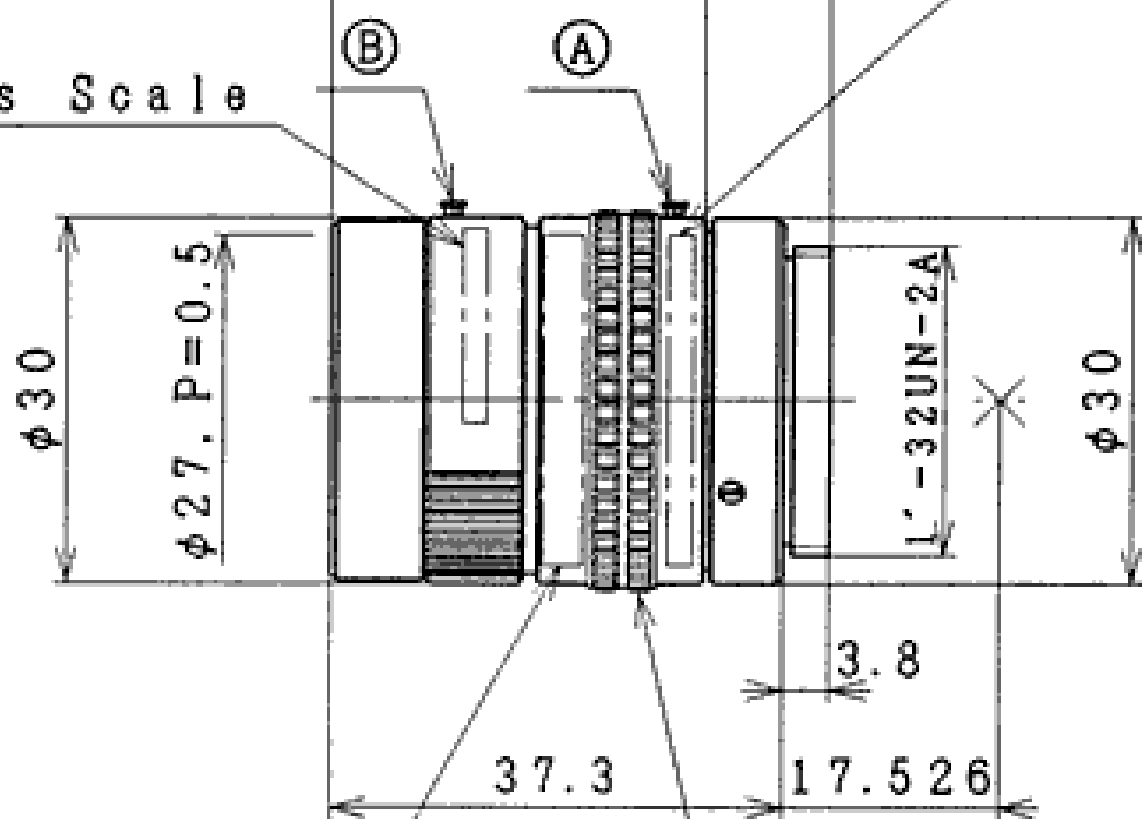
COSMICAR TV ZOOM LENS 12.5~75mm 1:1.8 No.



MADE IN JAPAN COSMICAR/PENTAX TV LENS 25mm 1:1.4

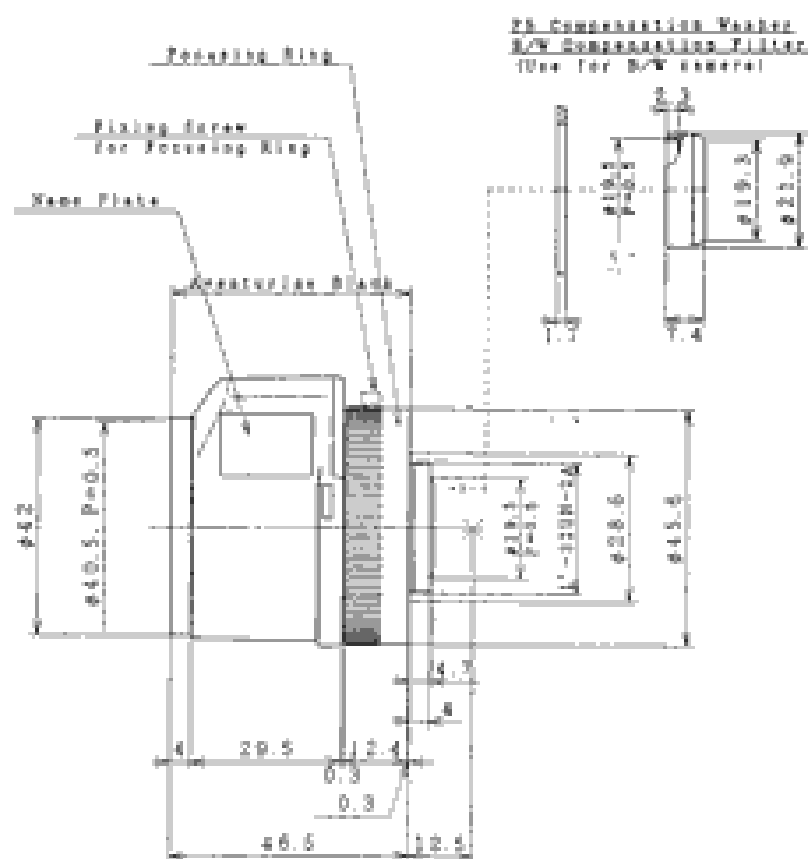
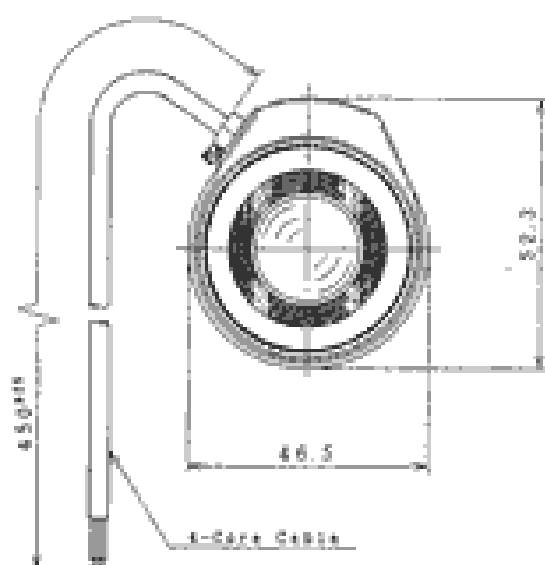
Aventurine Black Chromium Plating

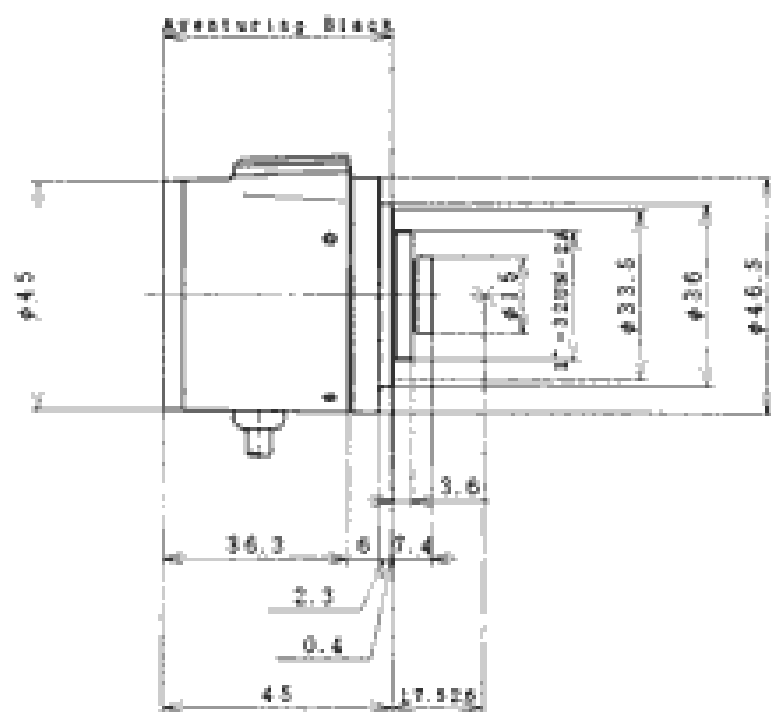
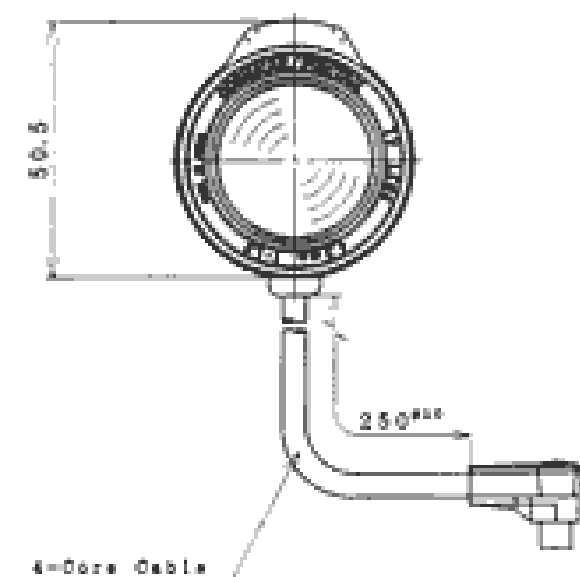
Iris Scale

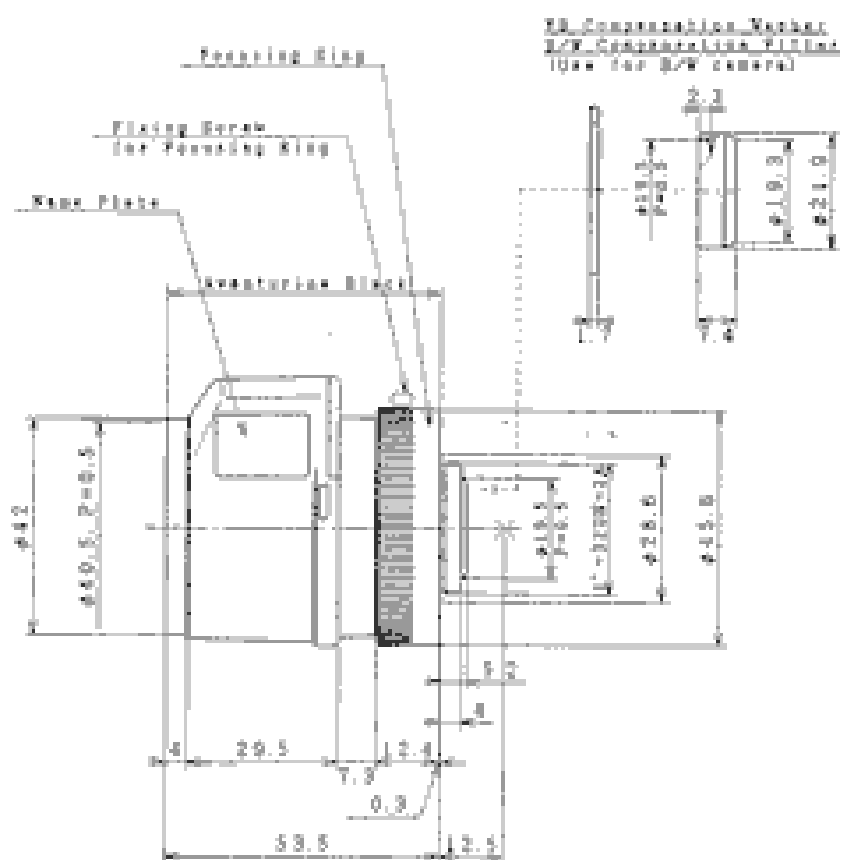
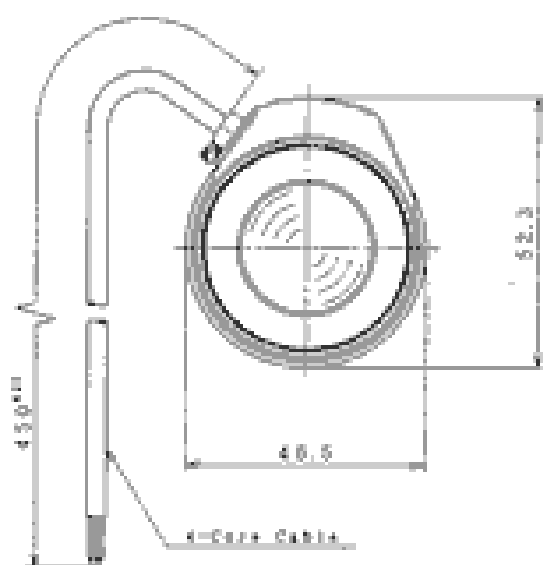


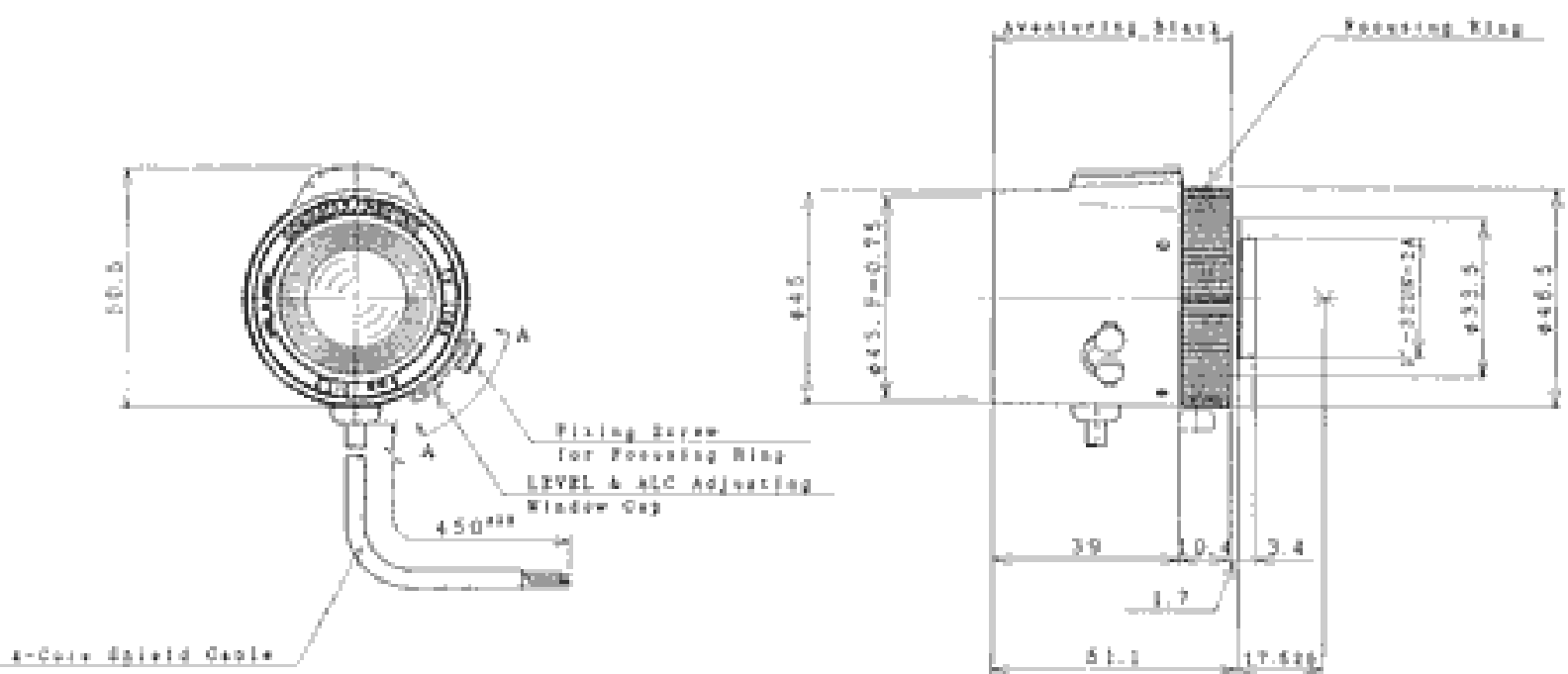
Focus Scale

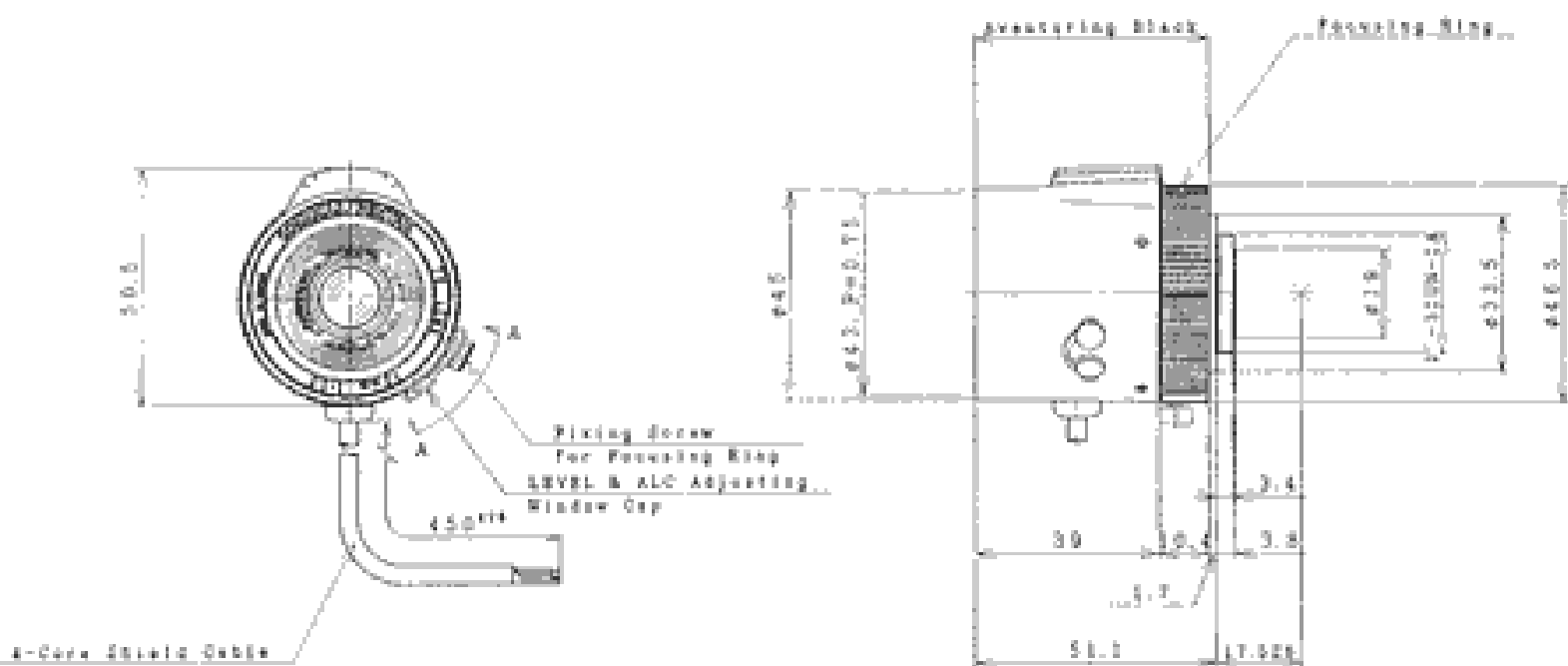
Rubber Ring



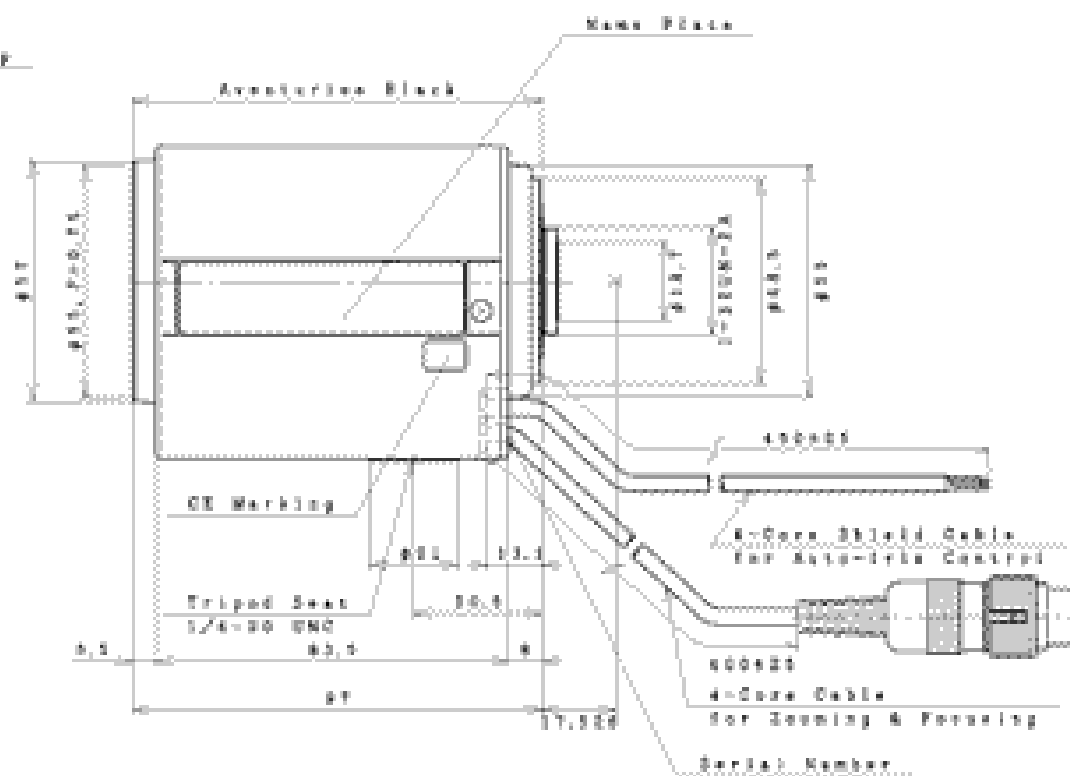
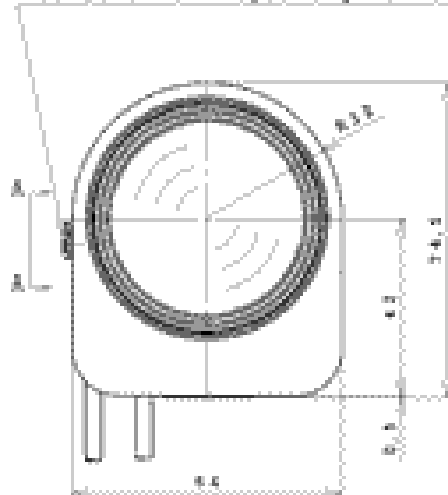


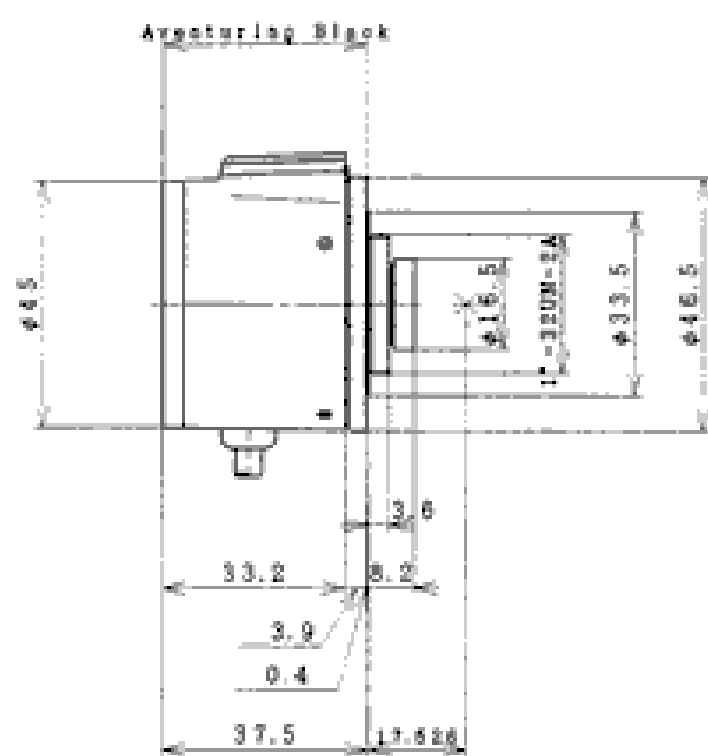
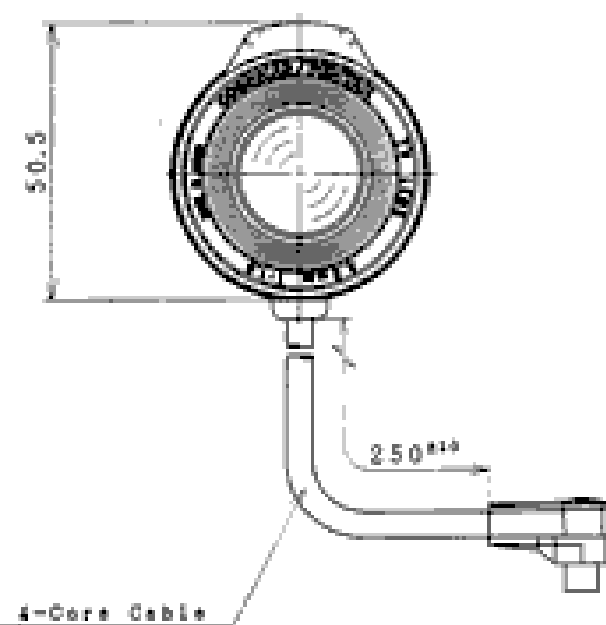


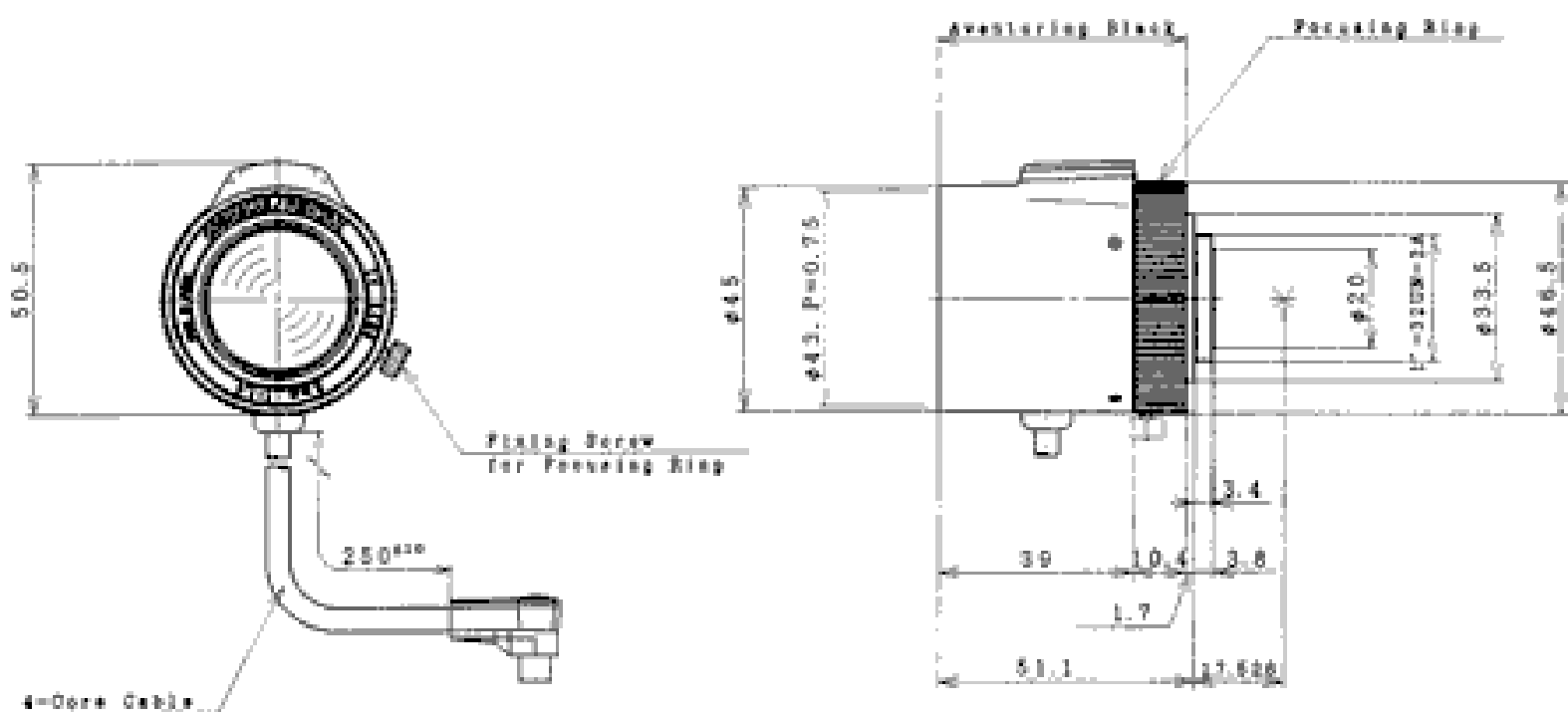


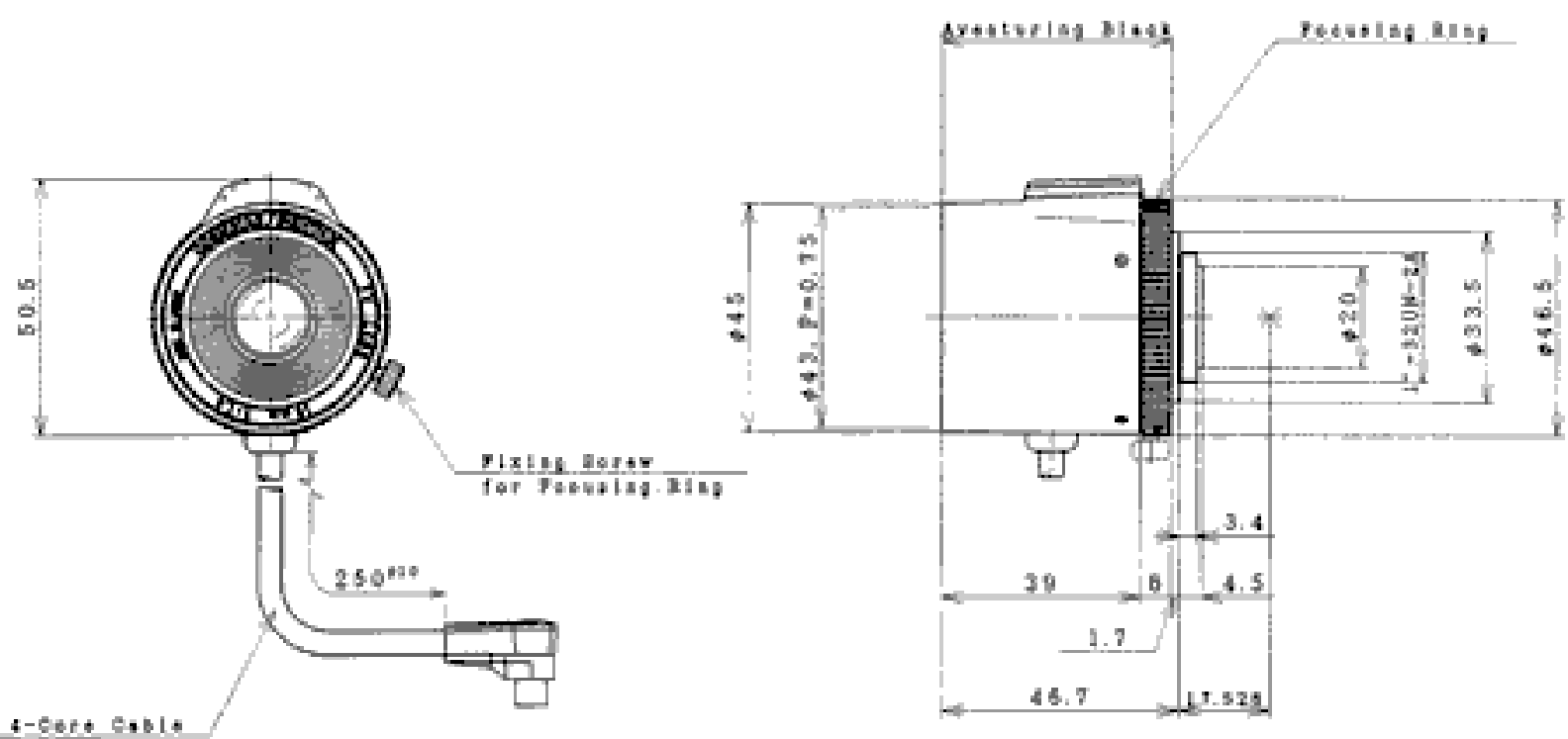


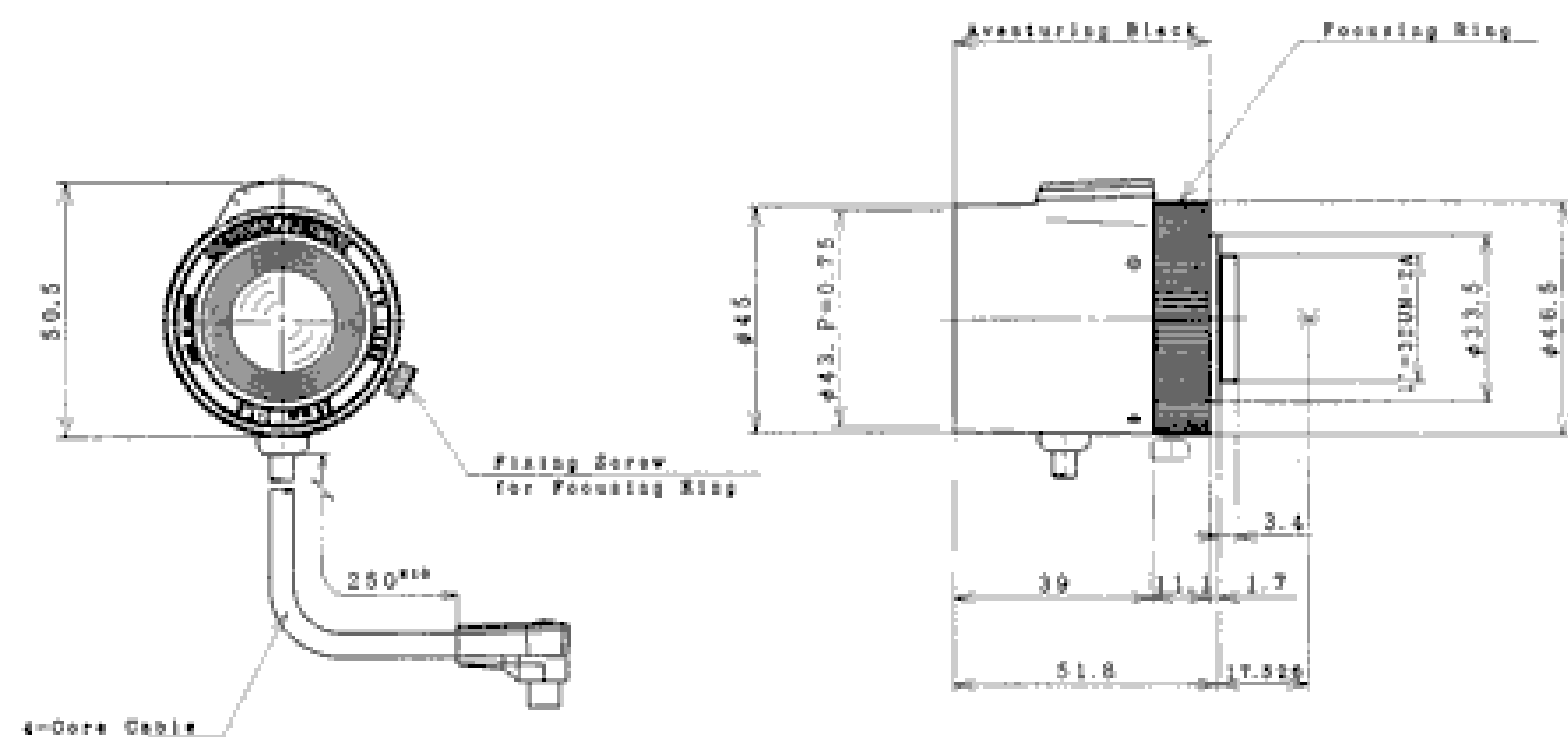
LEVEL & ALC Adjusting Window Cap

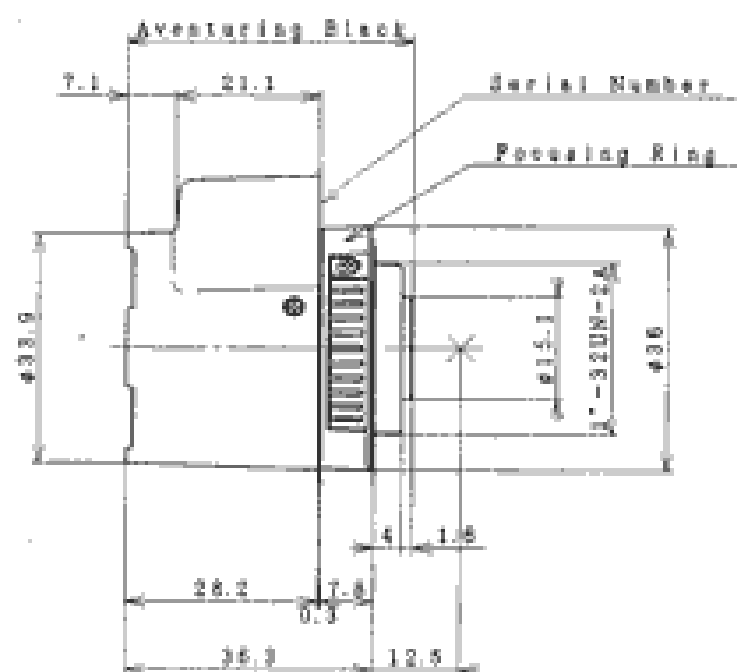
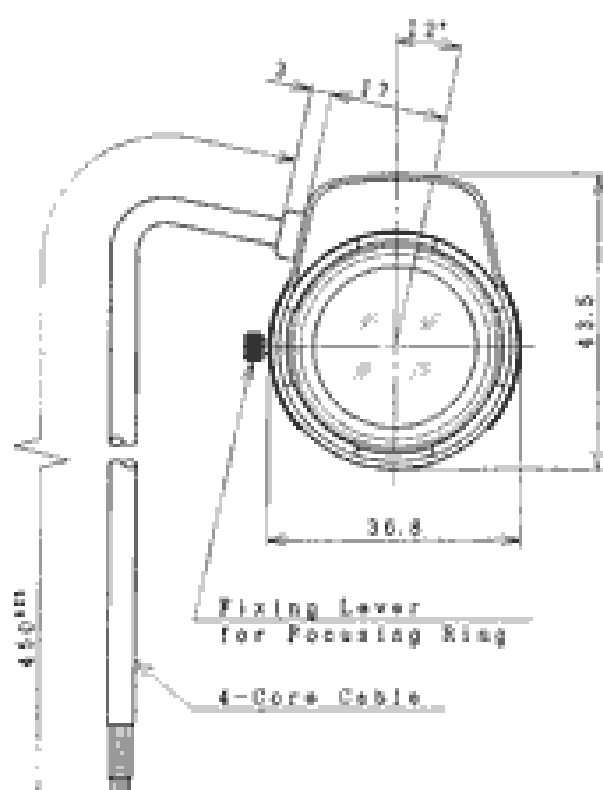


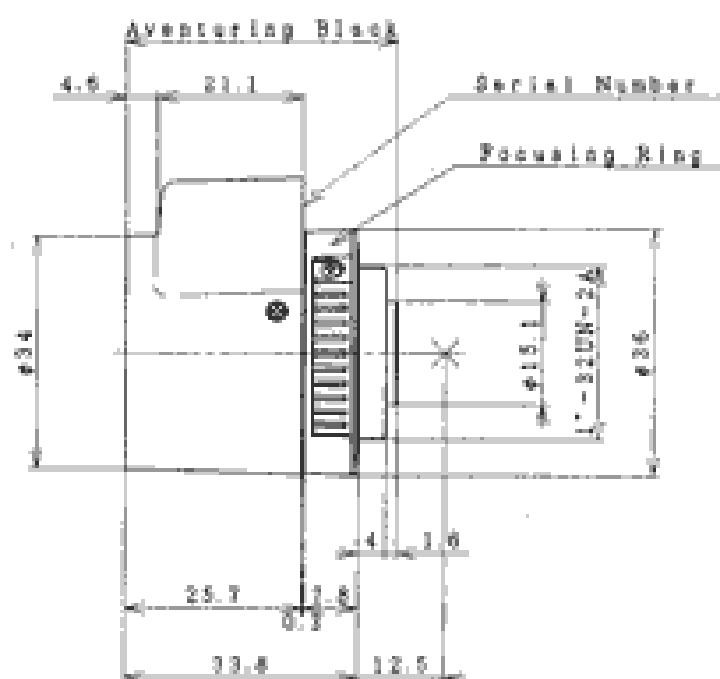
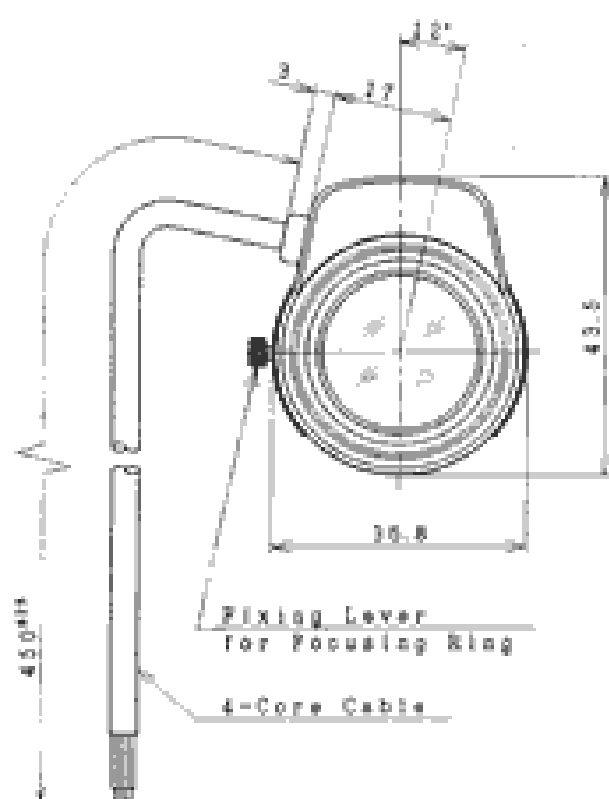


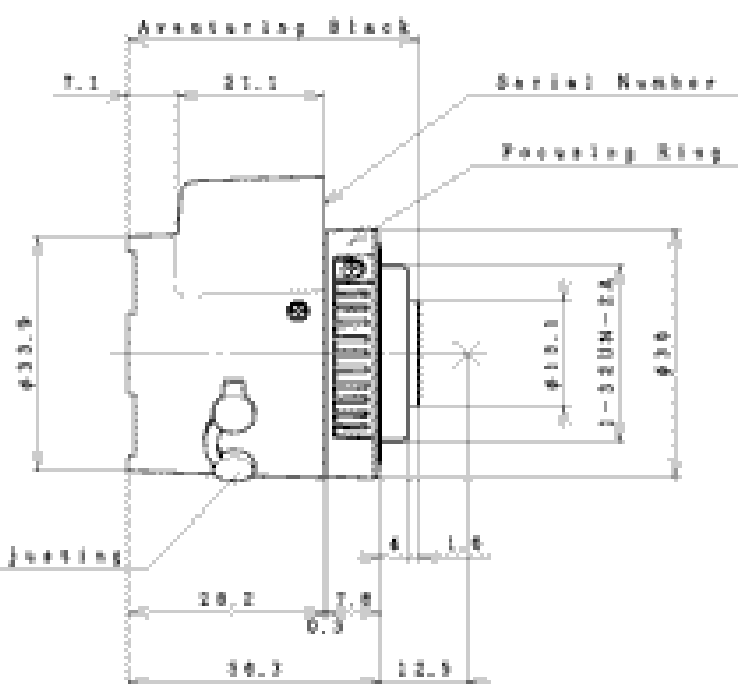
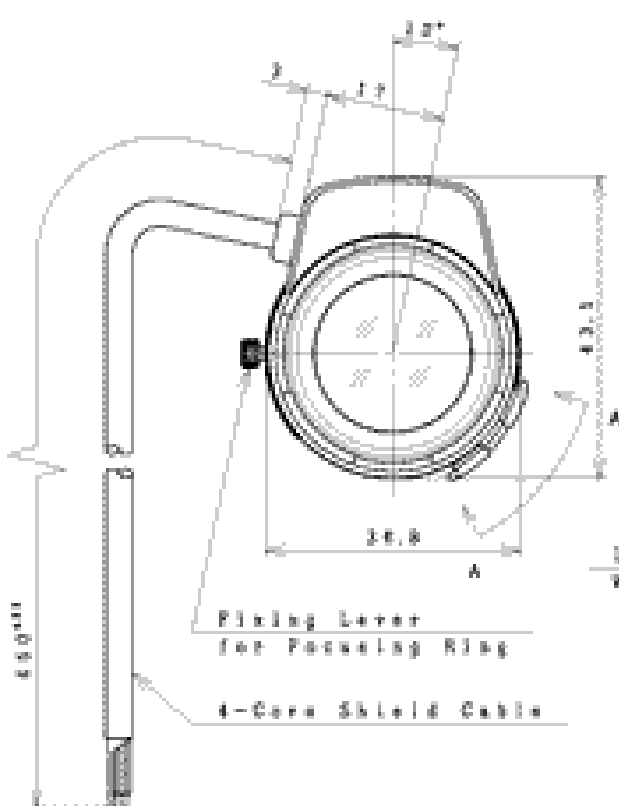


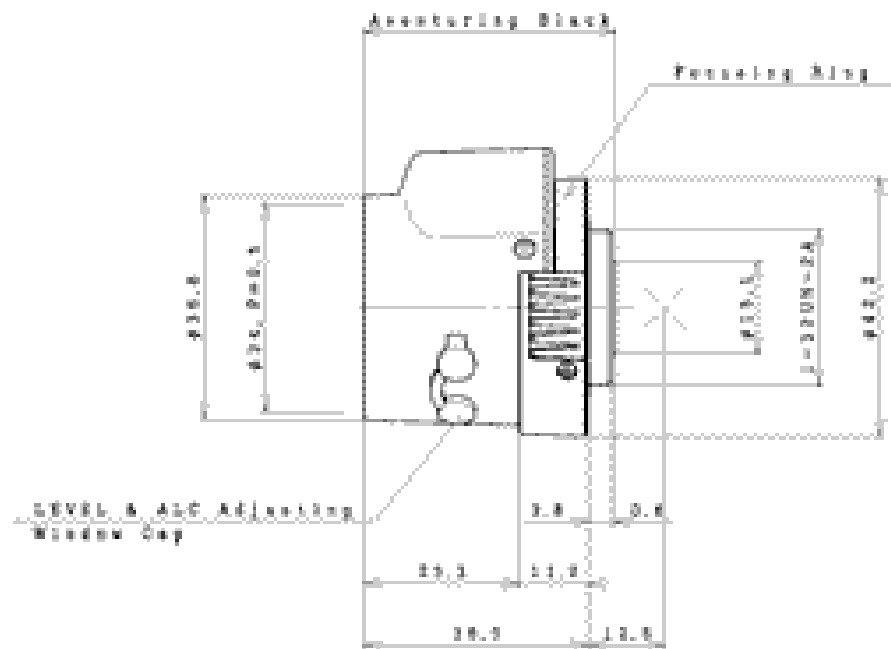
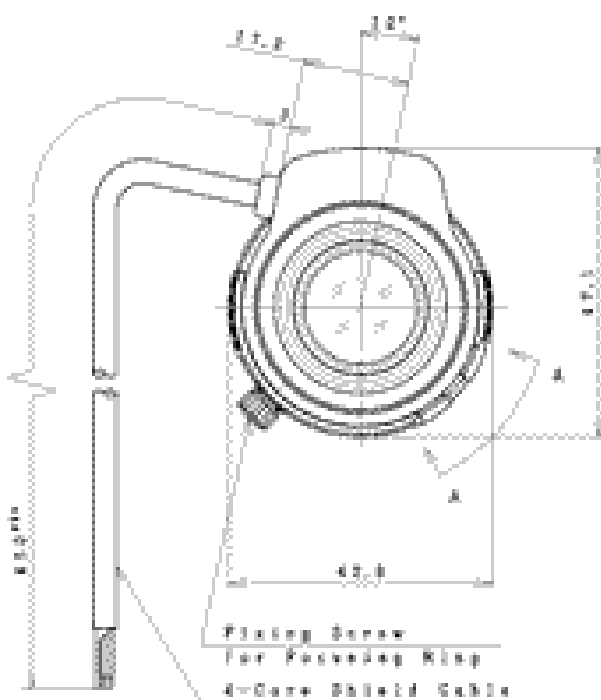


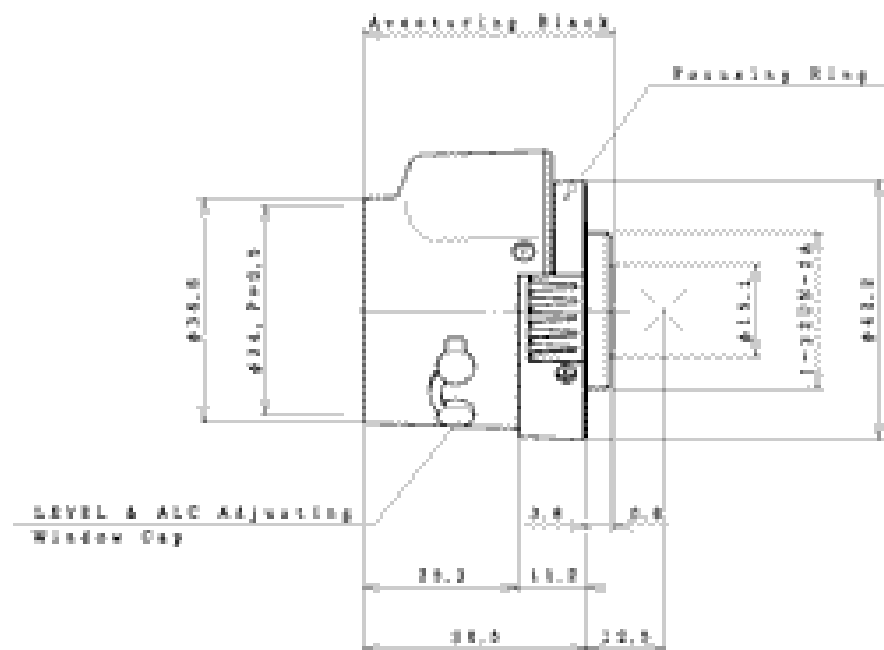
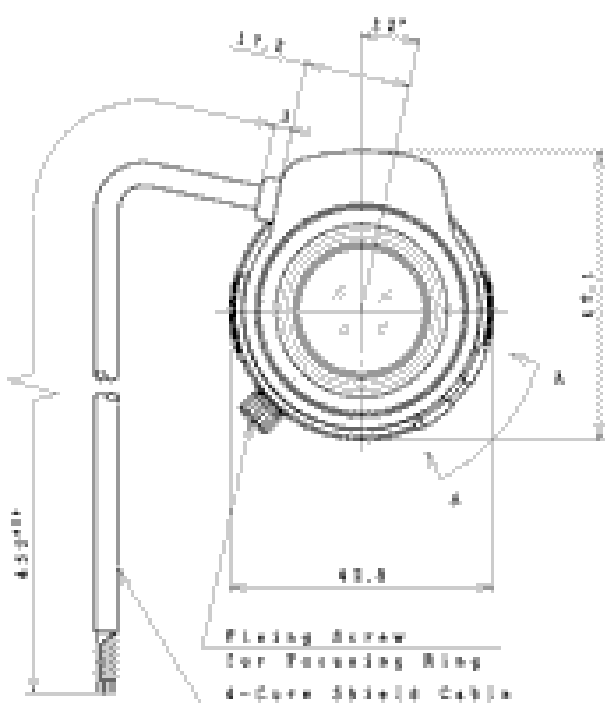


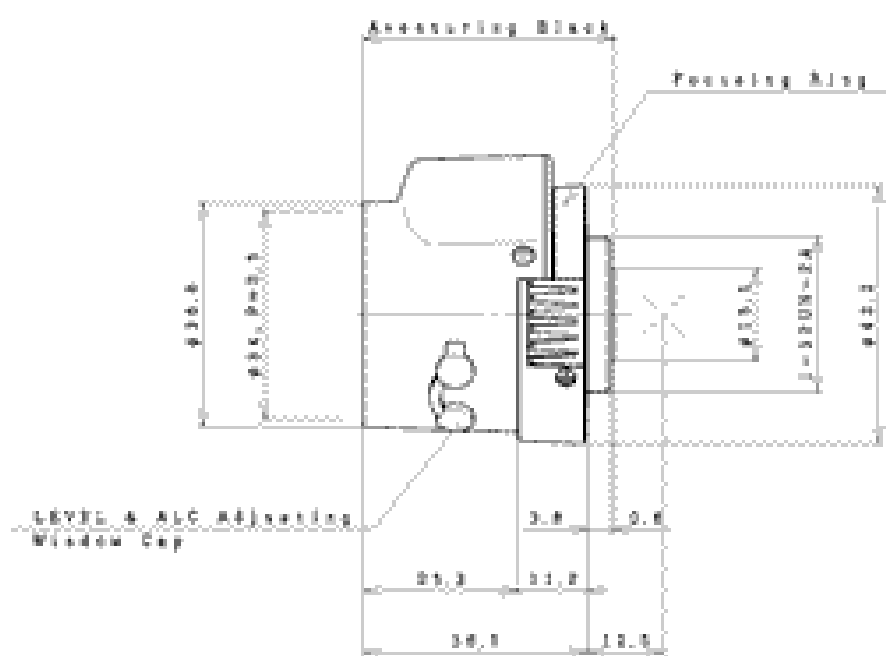
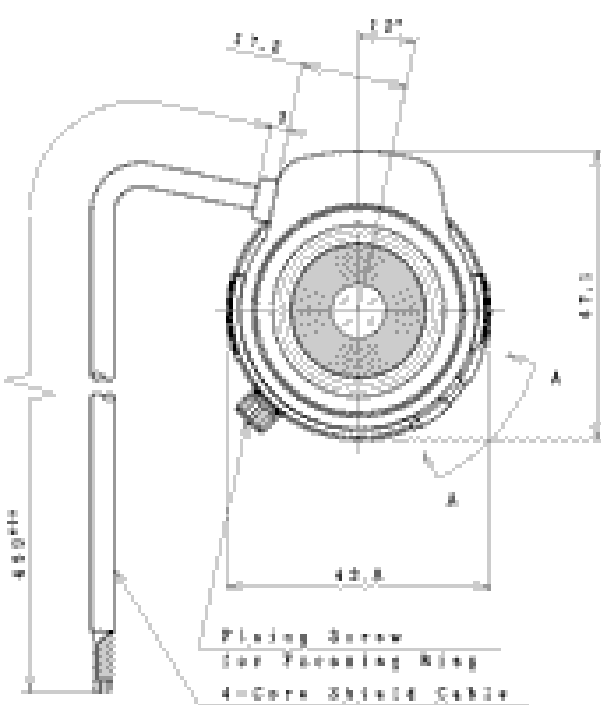


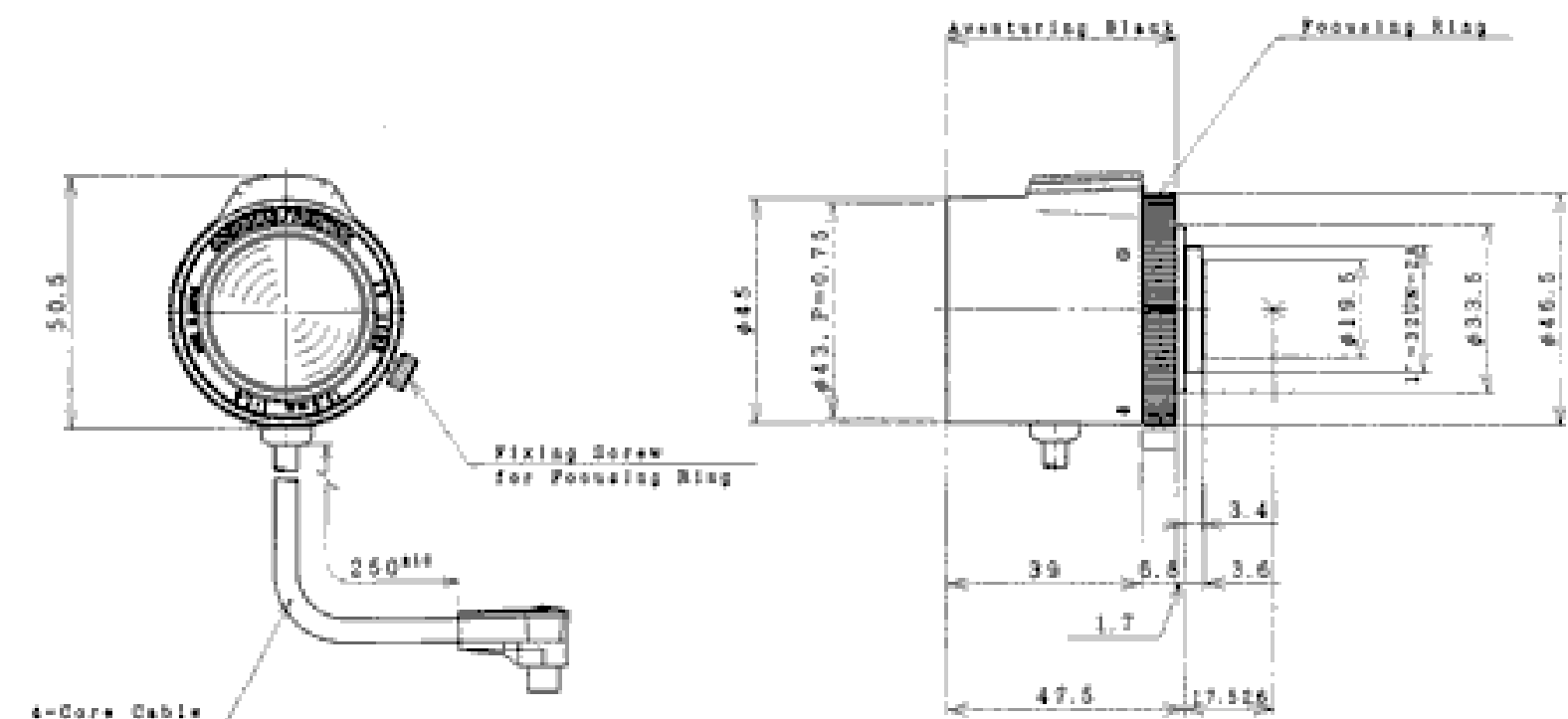




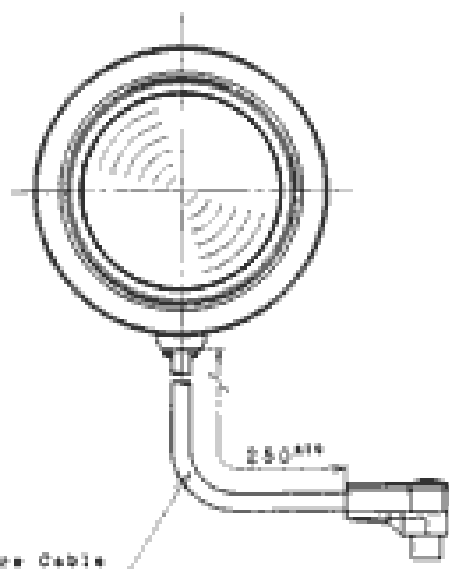
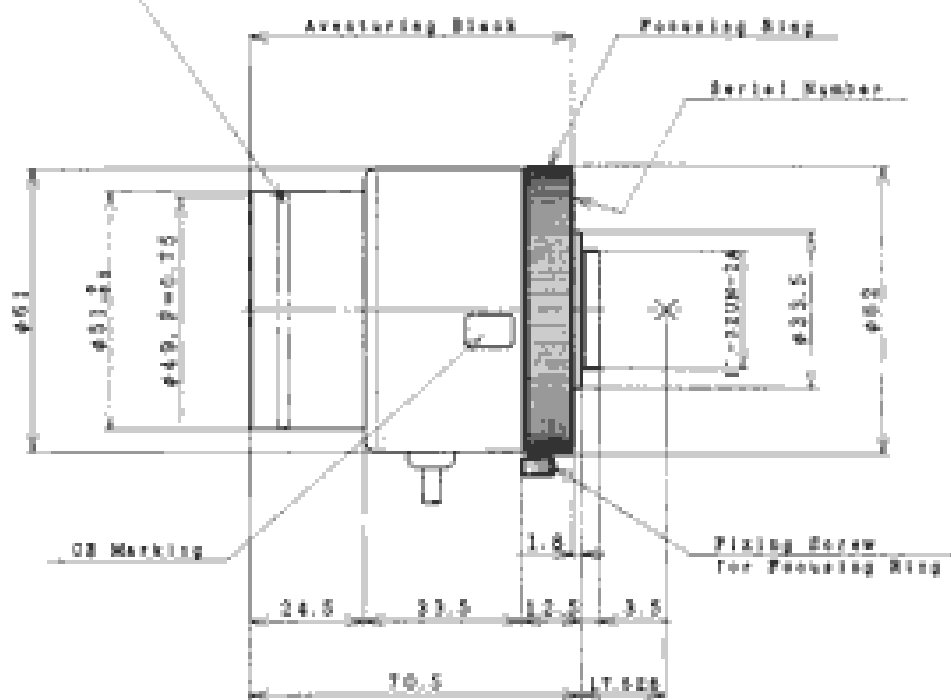


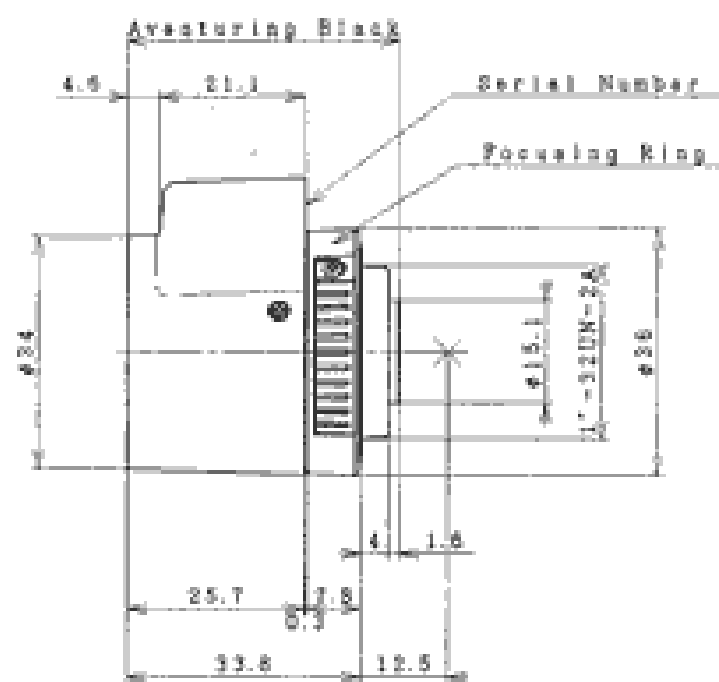
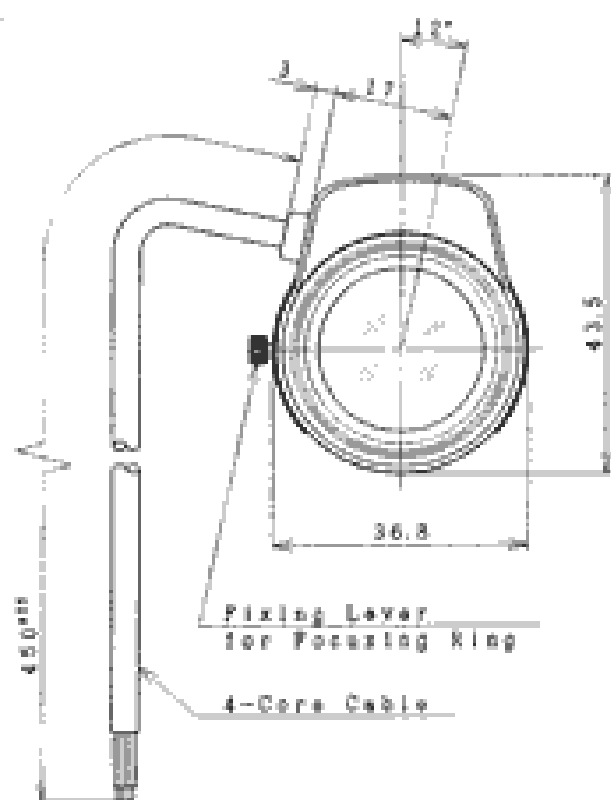






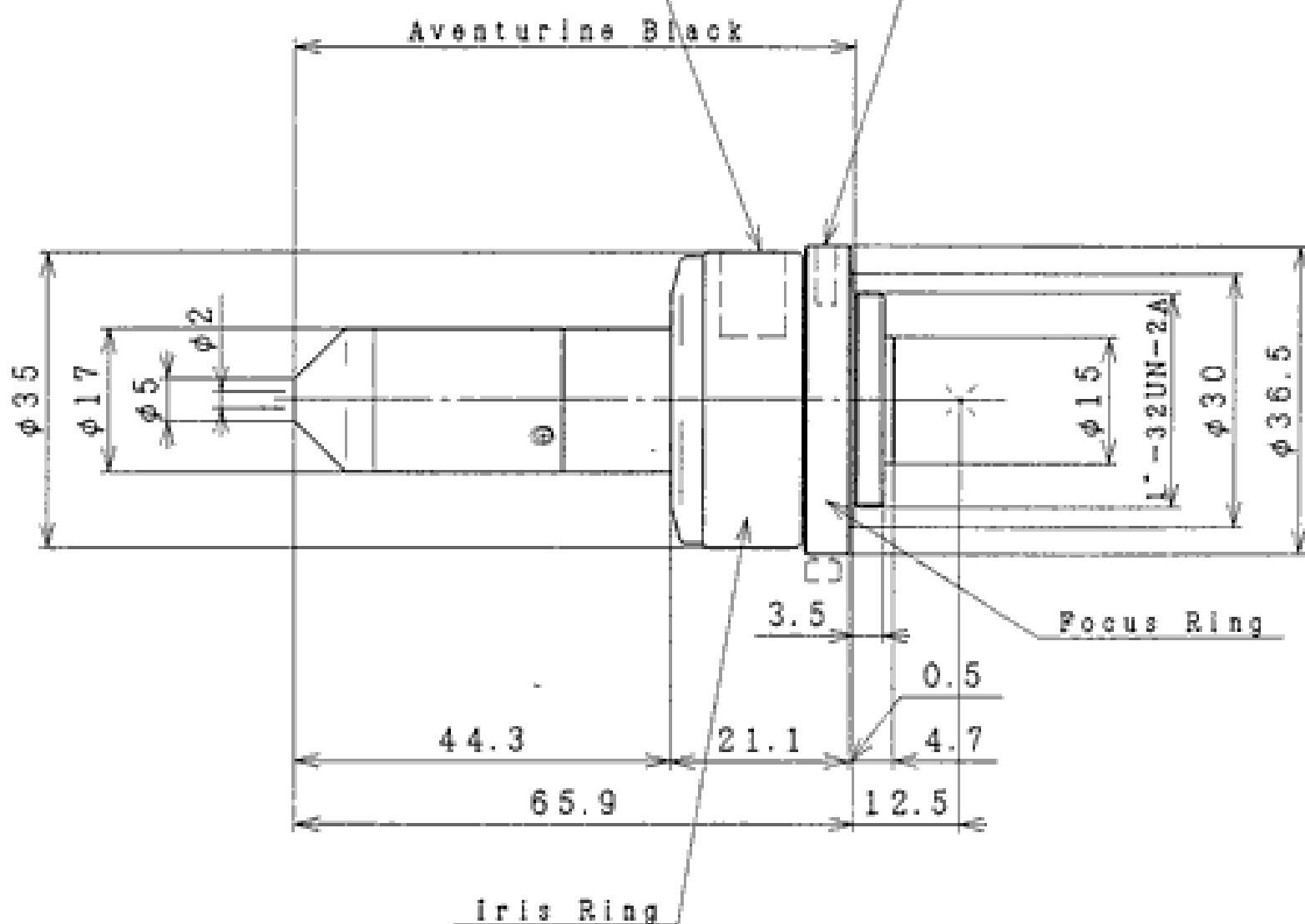
COMMON/PARTIAL TV LINE Film 1-1.8 mm mm mm

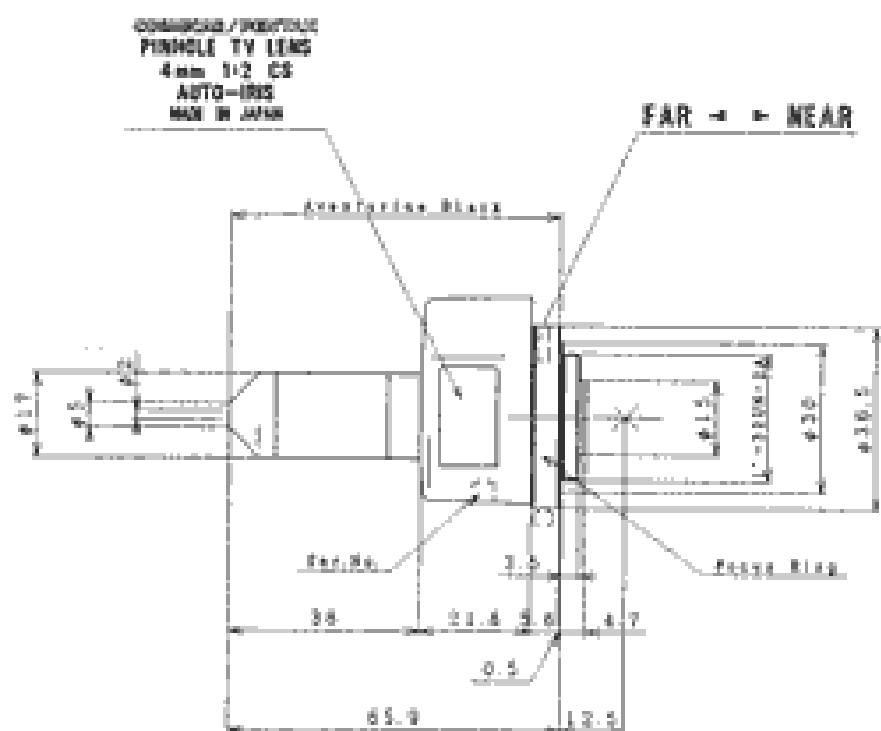
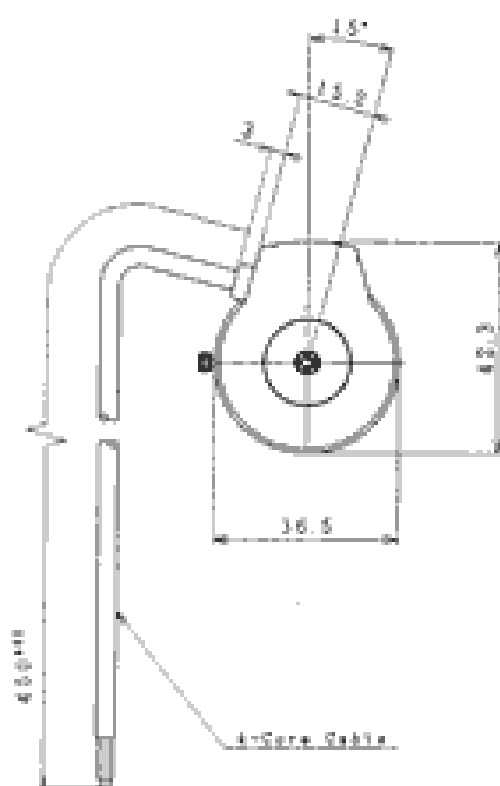




COSMICAR / PENTAX
PINHOLE TV LENS
4 mm 1:2 CS
OPEN ◁ ▷ CLOSE
MADE IN JAPAN

FAR < > NEAR



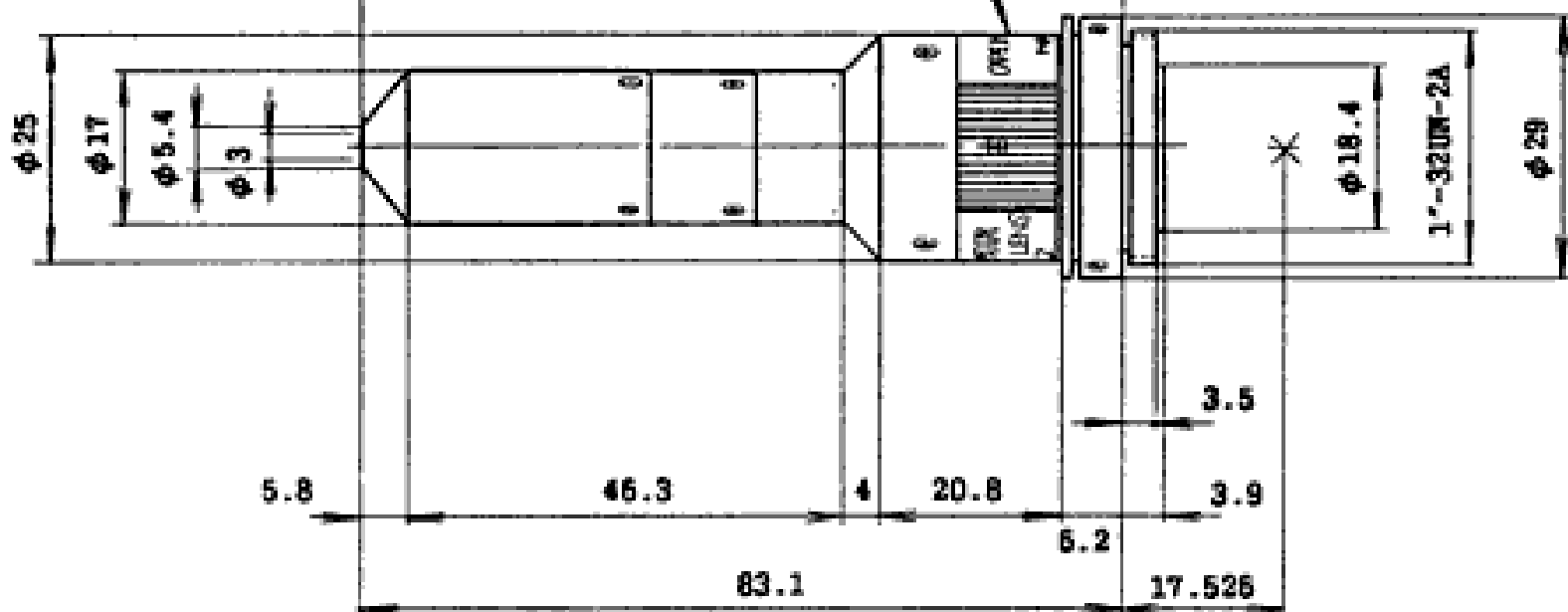


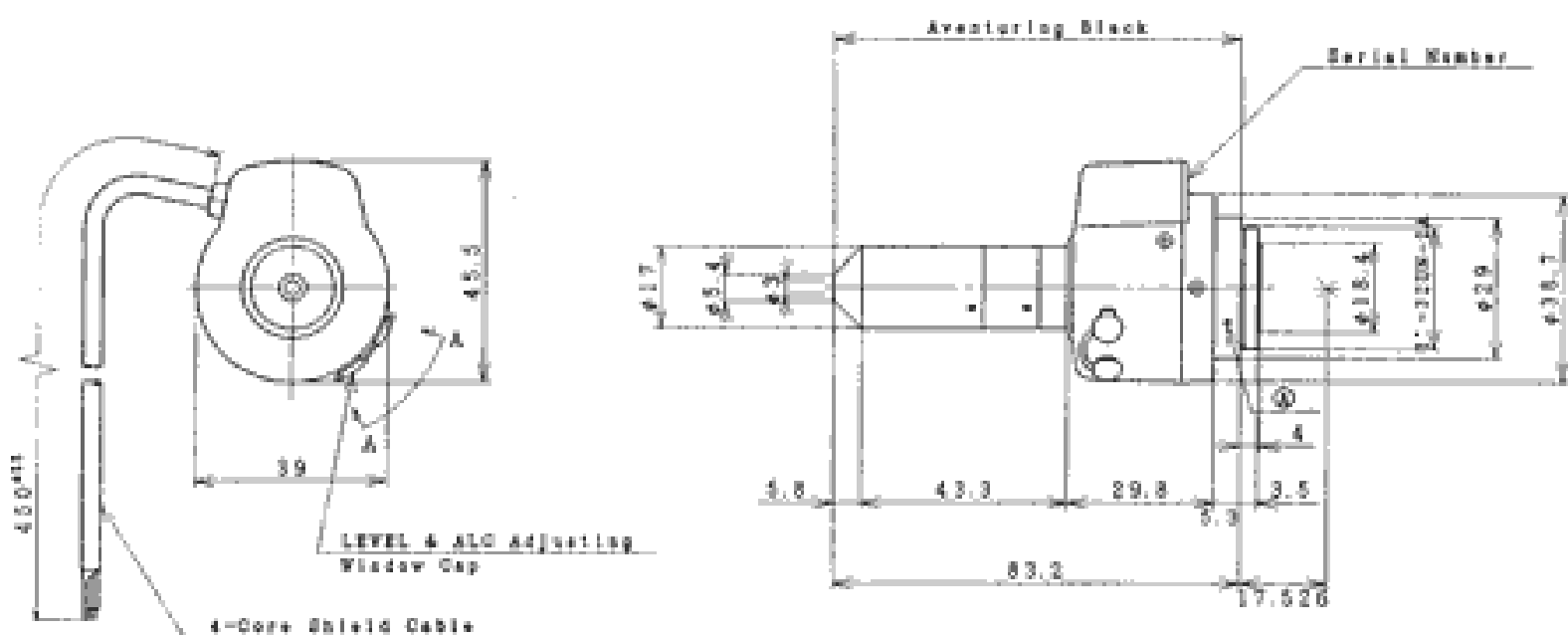


OPEN  CLOSE
MADE IN JAPAN

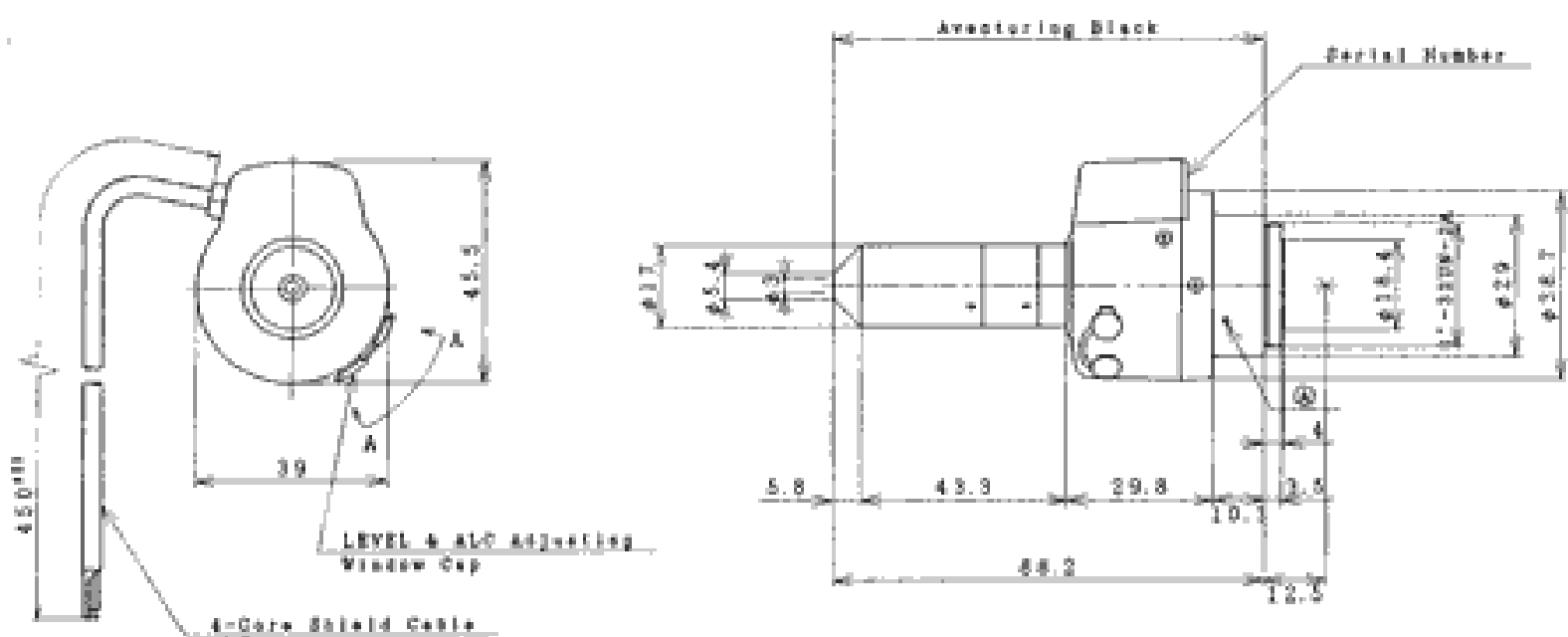
COBOL
TV PINHOLE LENS
6.2mm 1.2

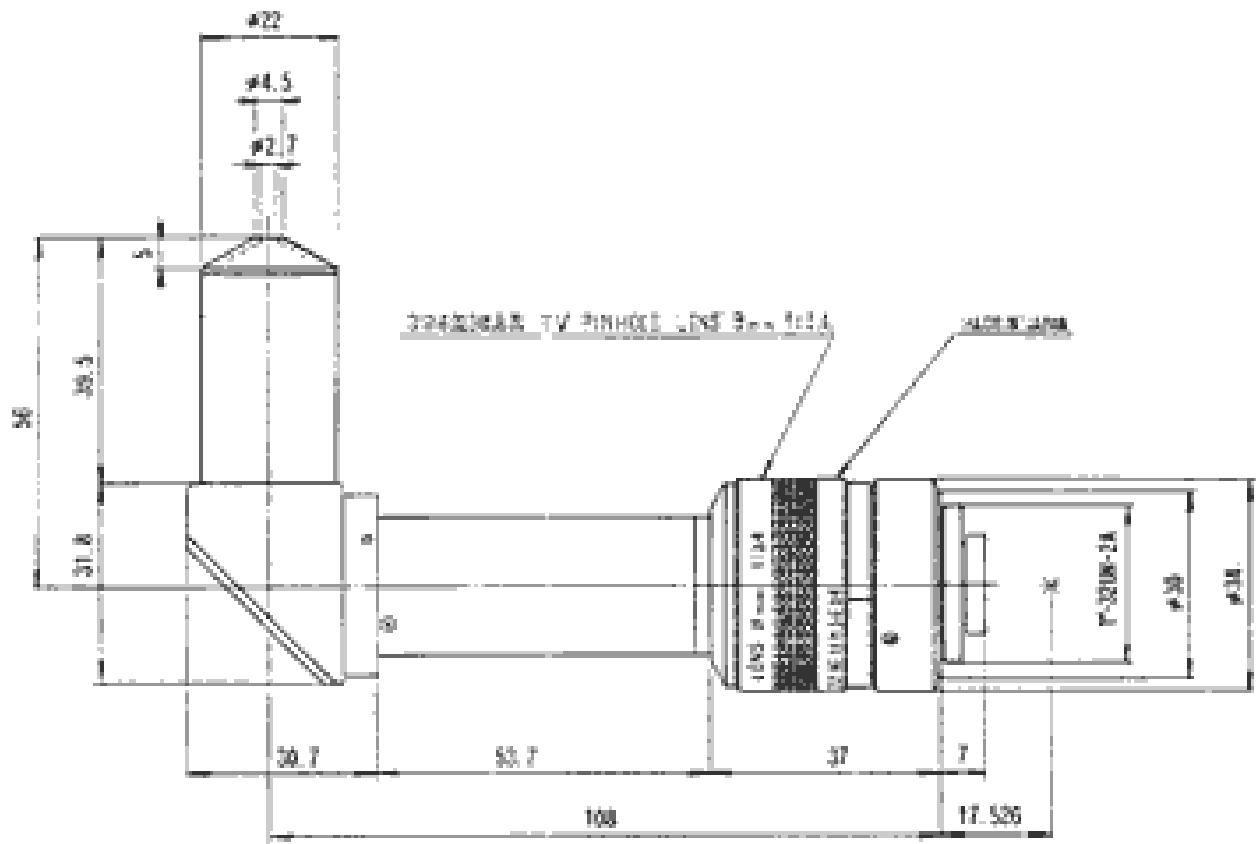
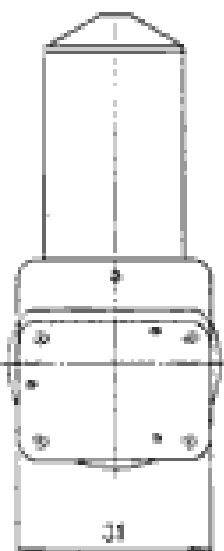
Aveturine Anodized Aluminum (Black)

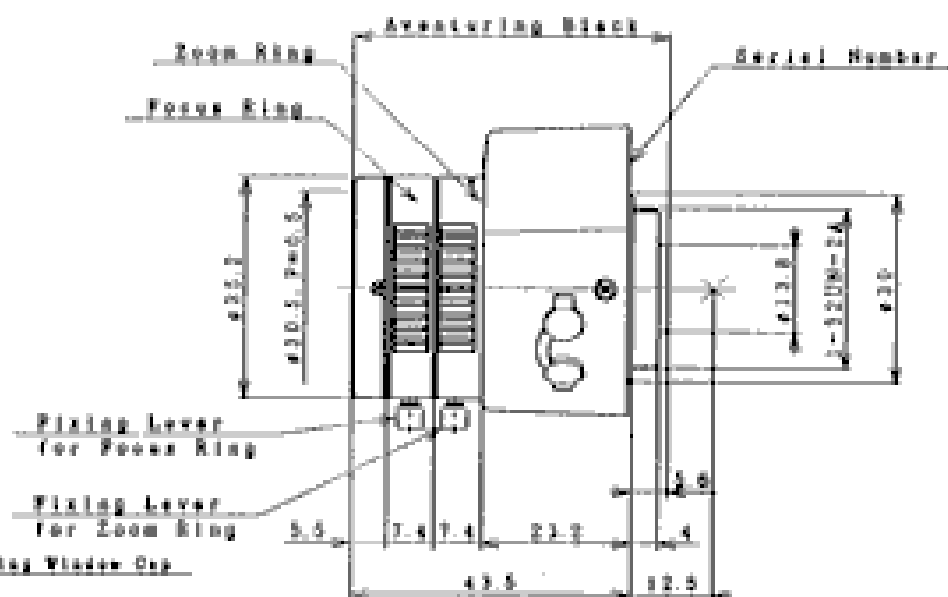
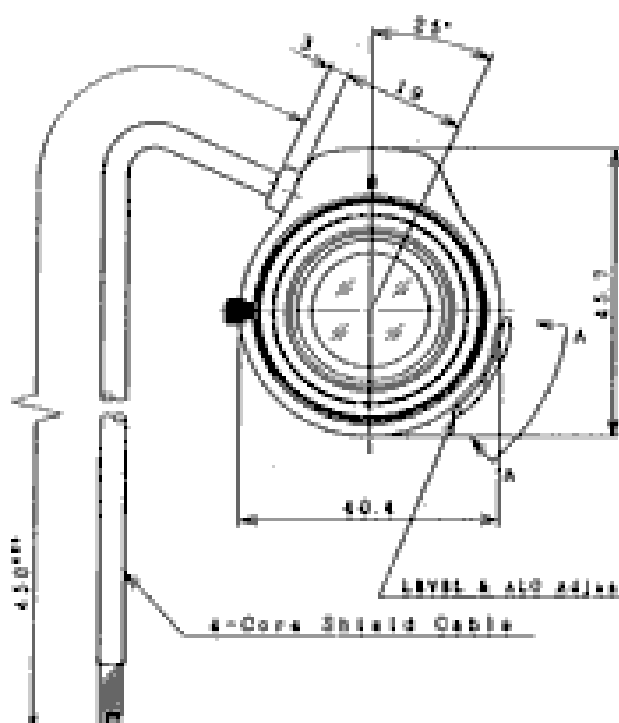


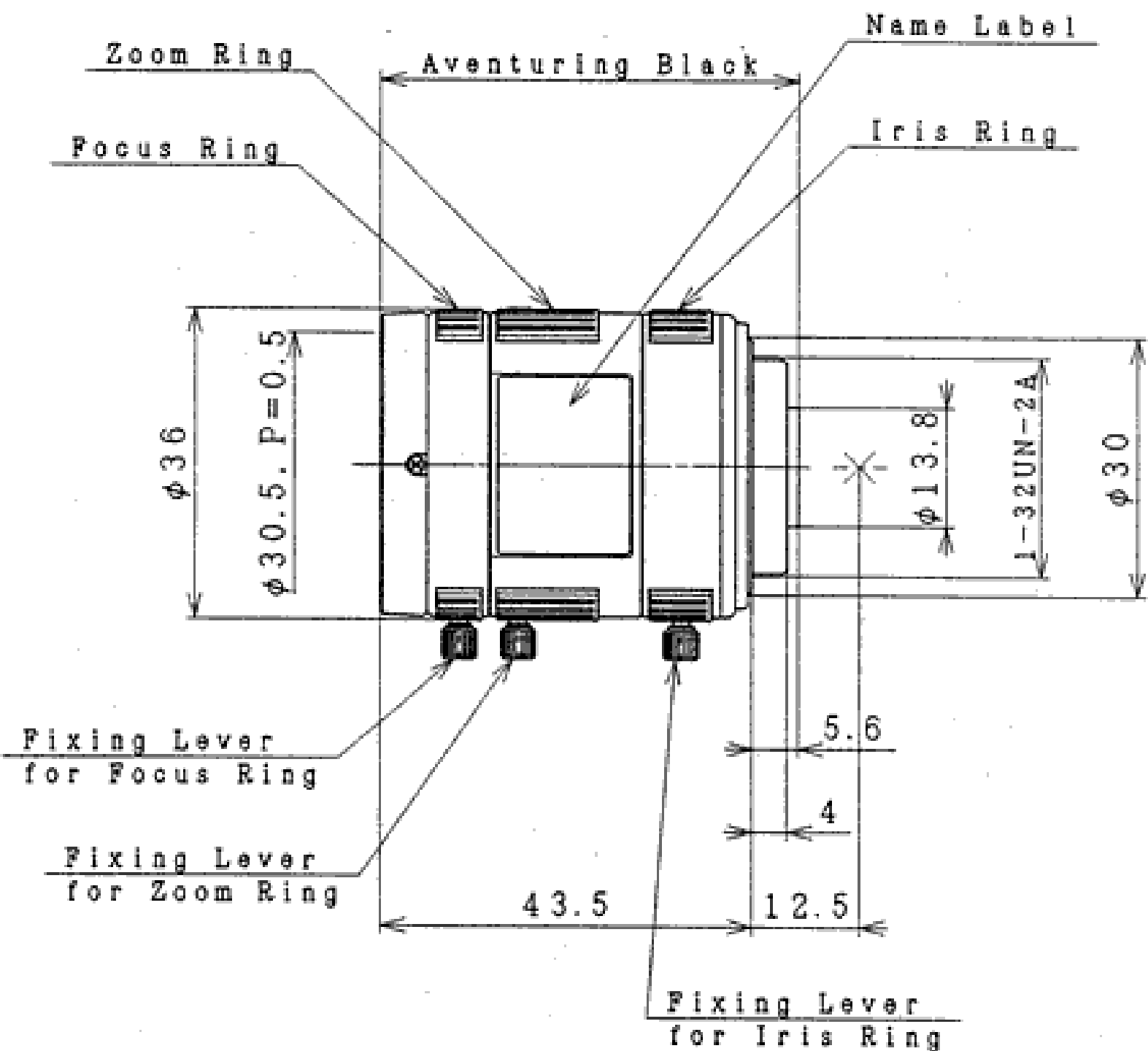


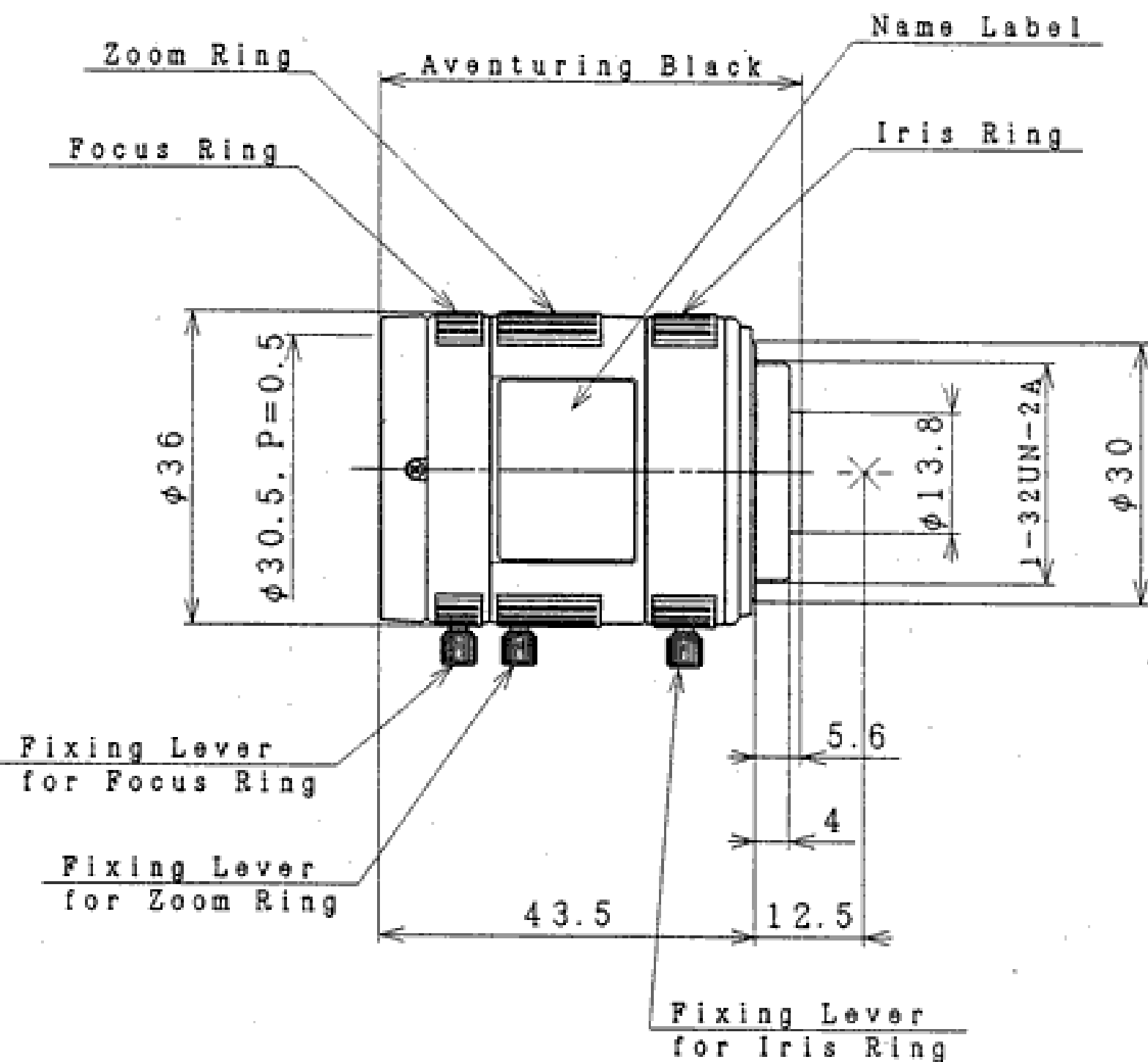
68820024
TV PINHOLE LENS
6.2mm 1.2 GS



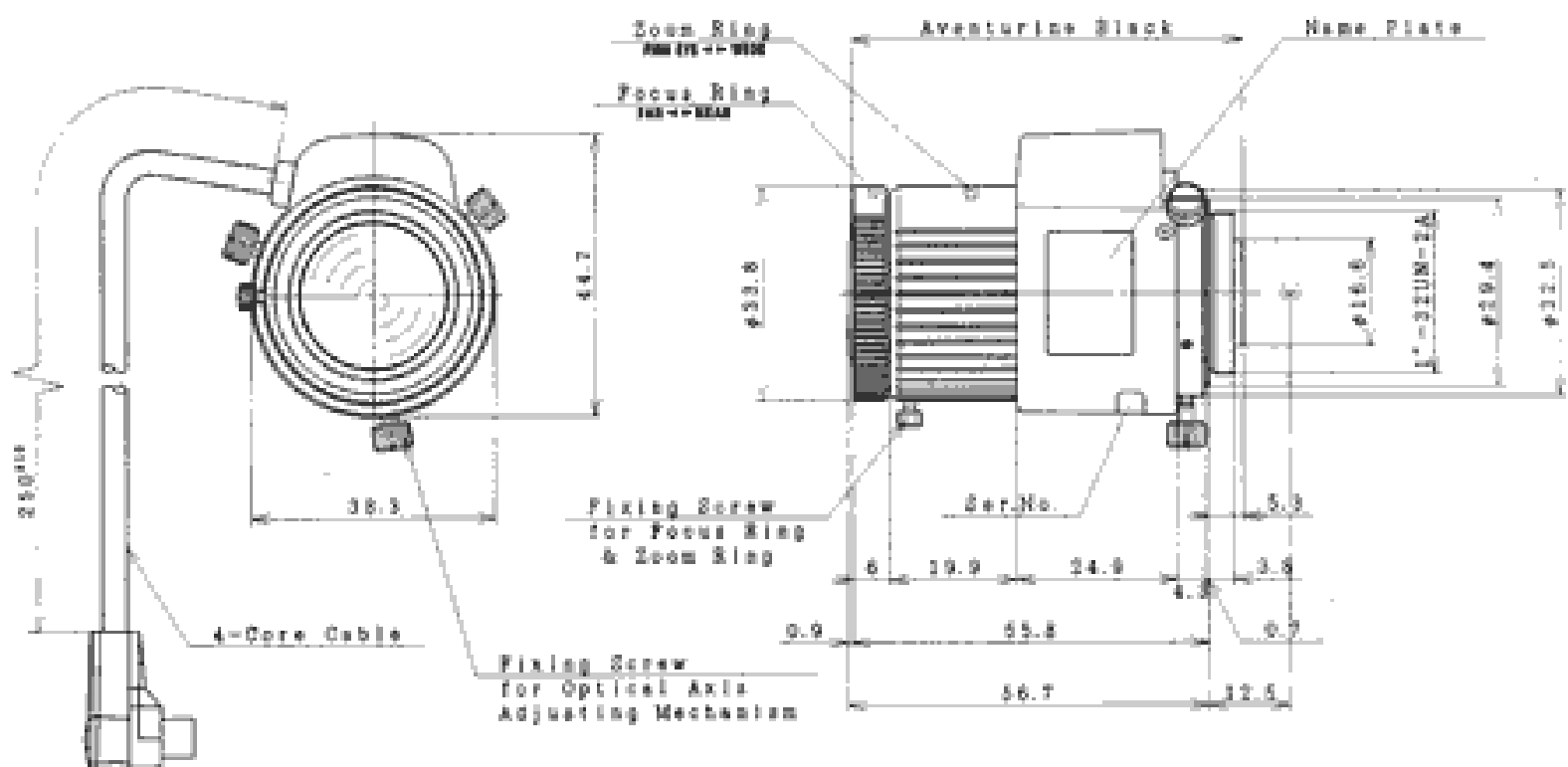


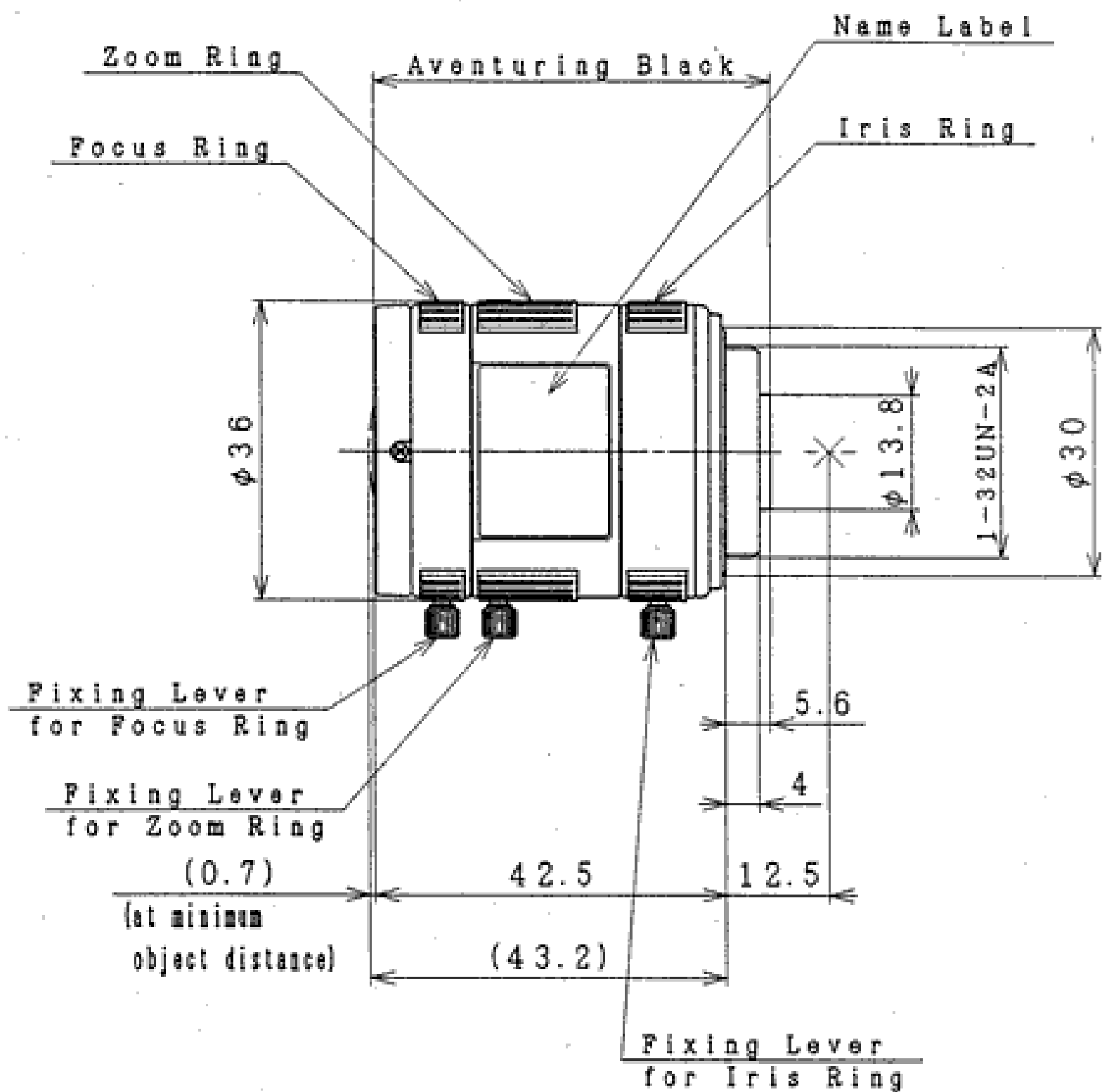


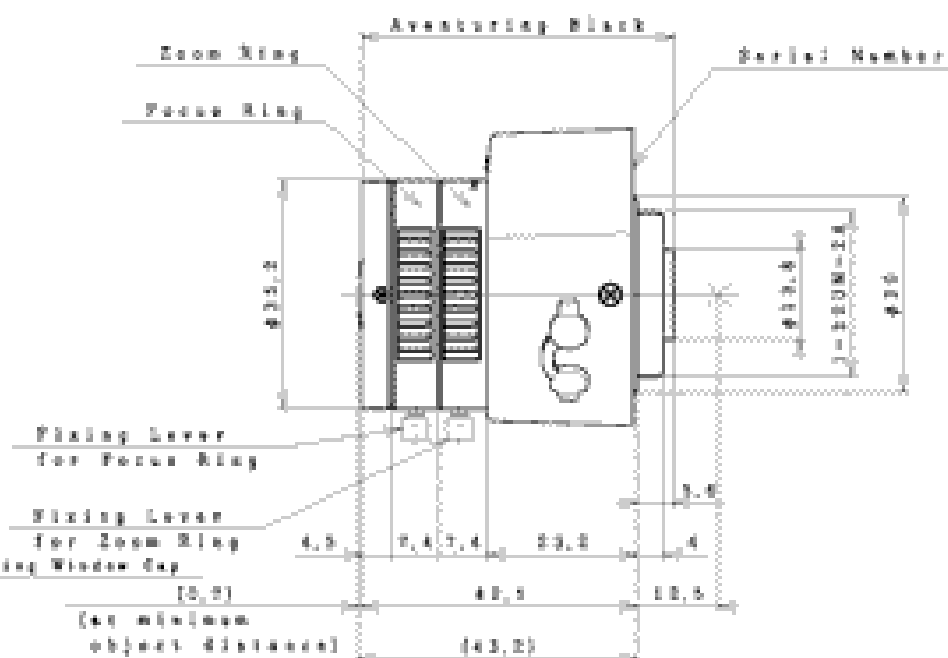
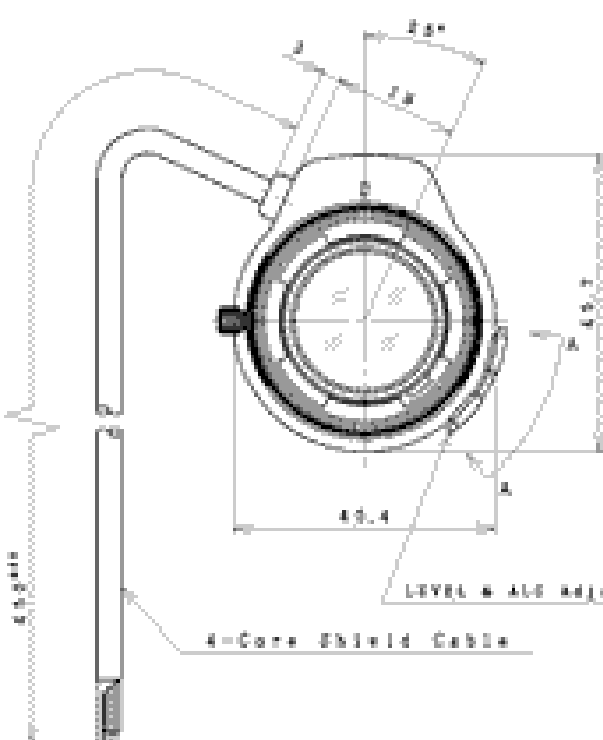




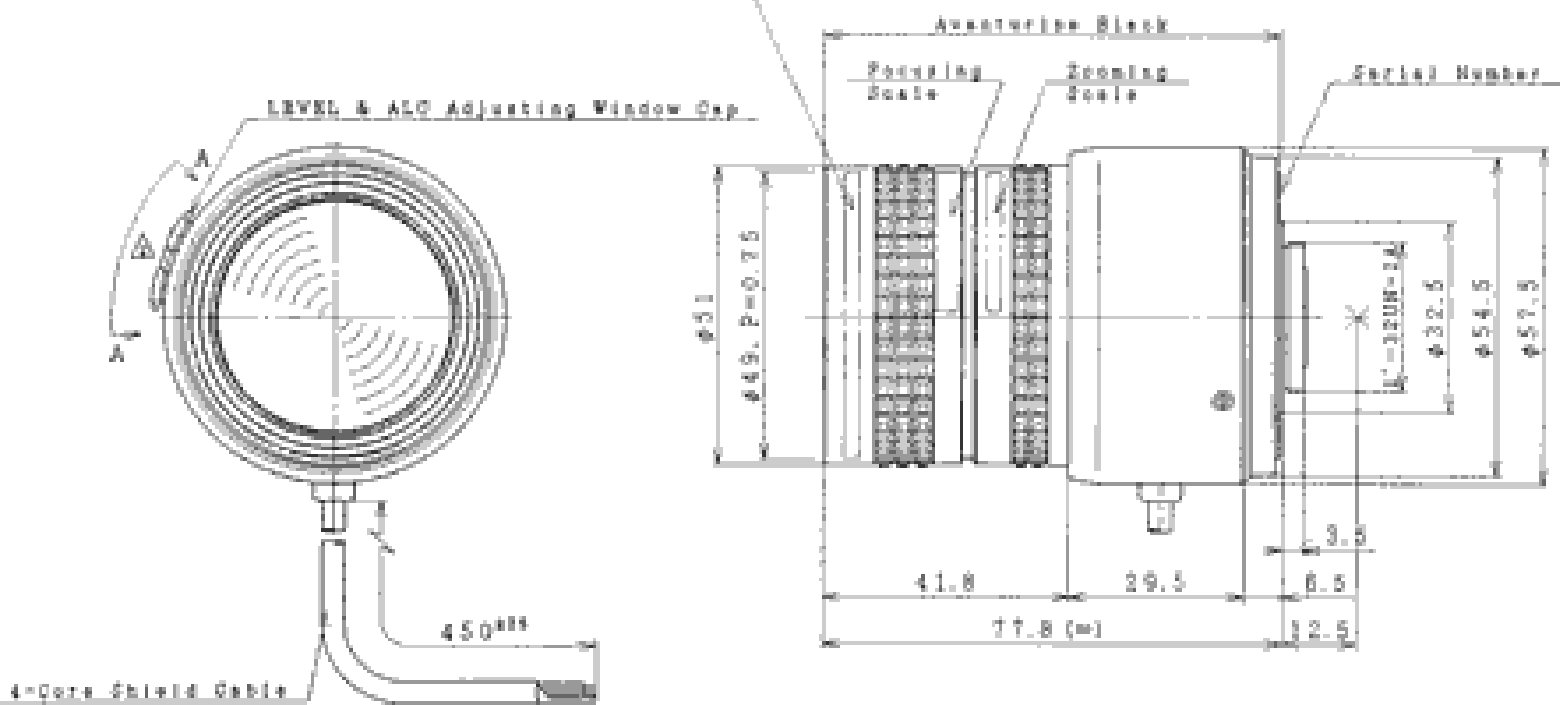






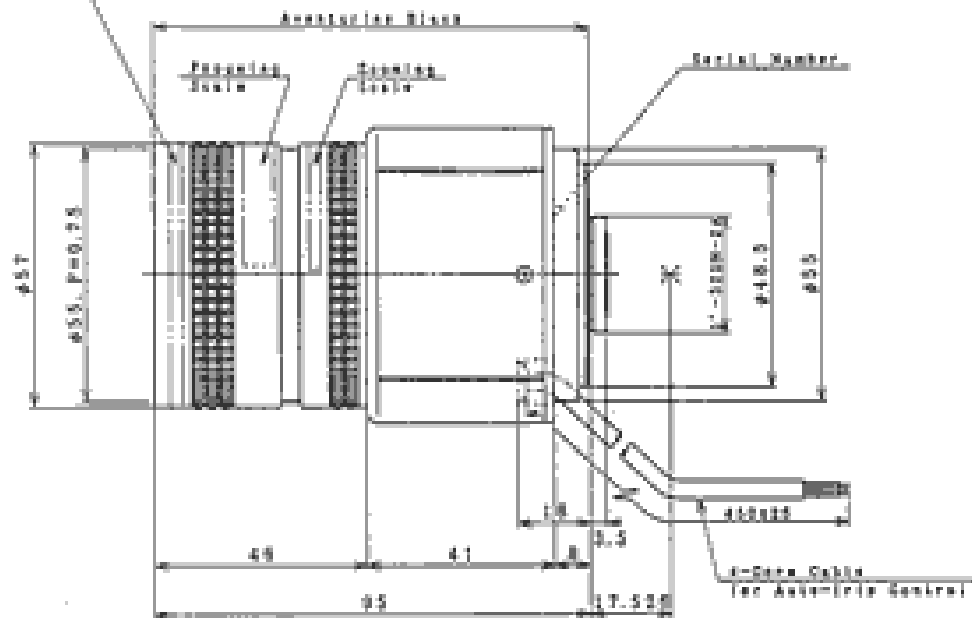
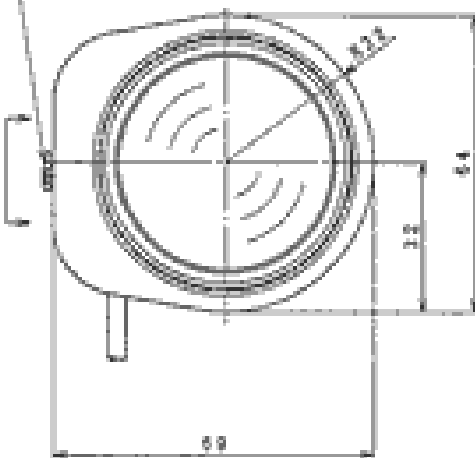


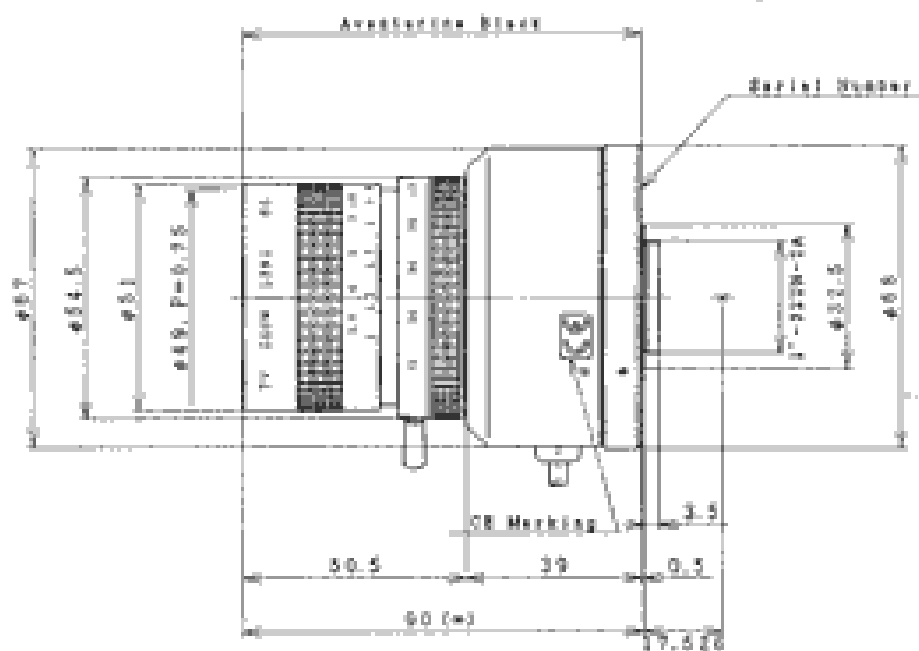
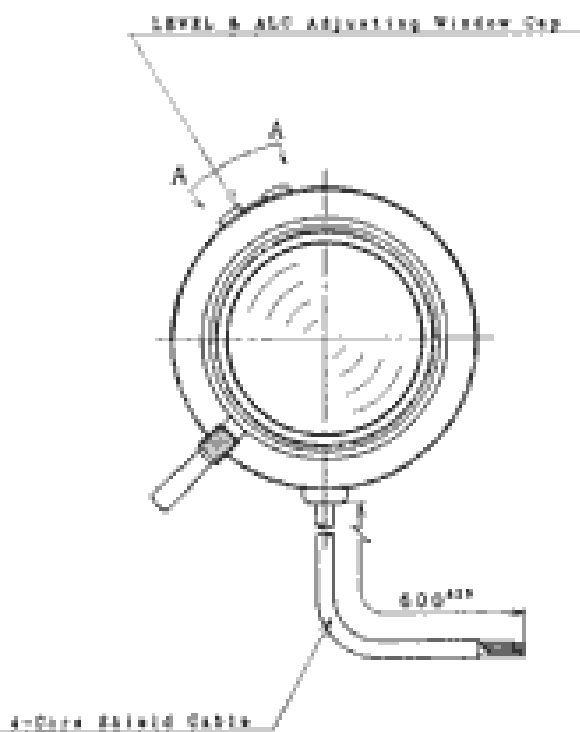
COSMICAR/PENTAX TV ZOOM LENS 8.3-28mm 1:1.2 MADE IN JAPAN

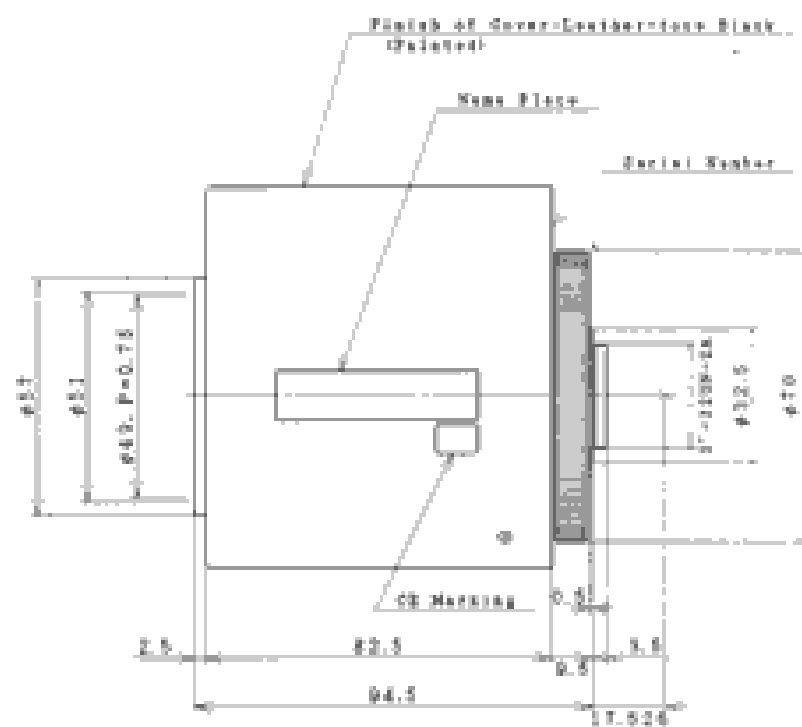
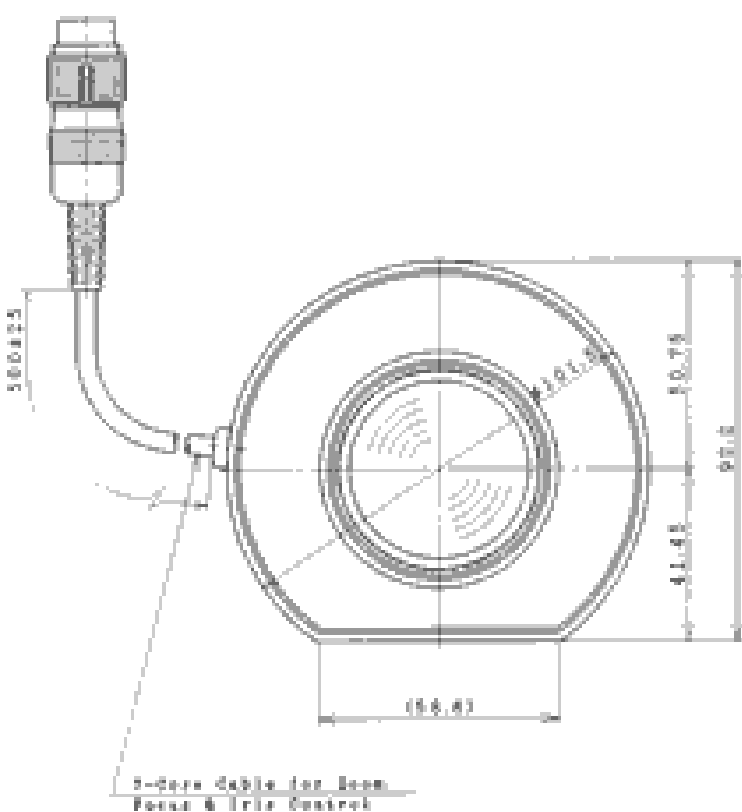


COMSEC/PENTAC CY 200M 1395 8-48 pin 5-0.0 0000 0000

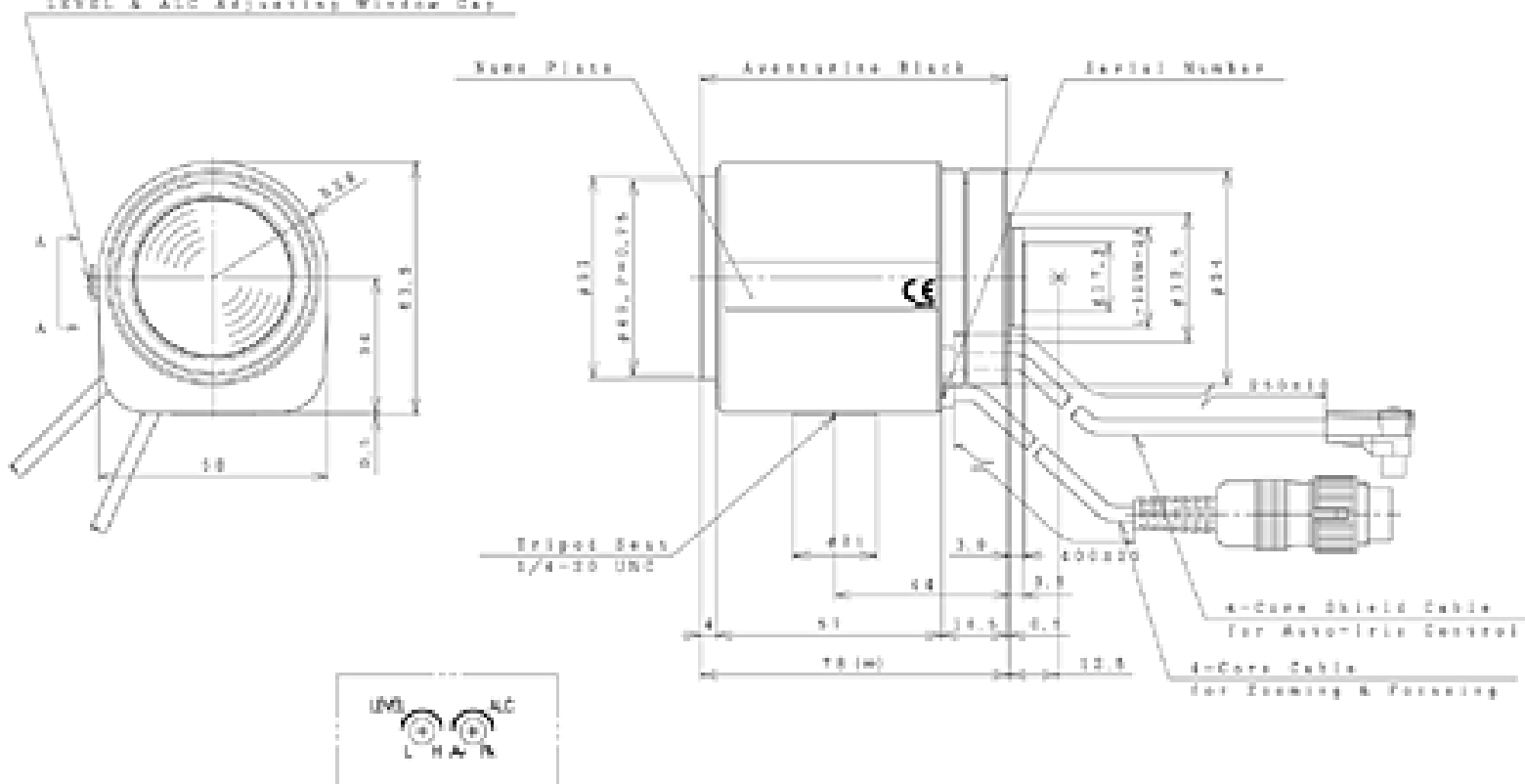
SEVEN 8 A/D Adjusting Wrench Gap



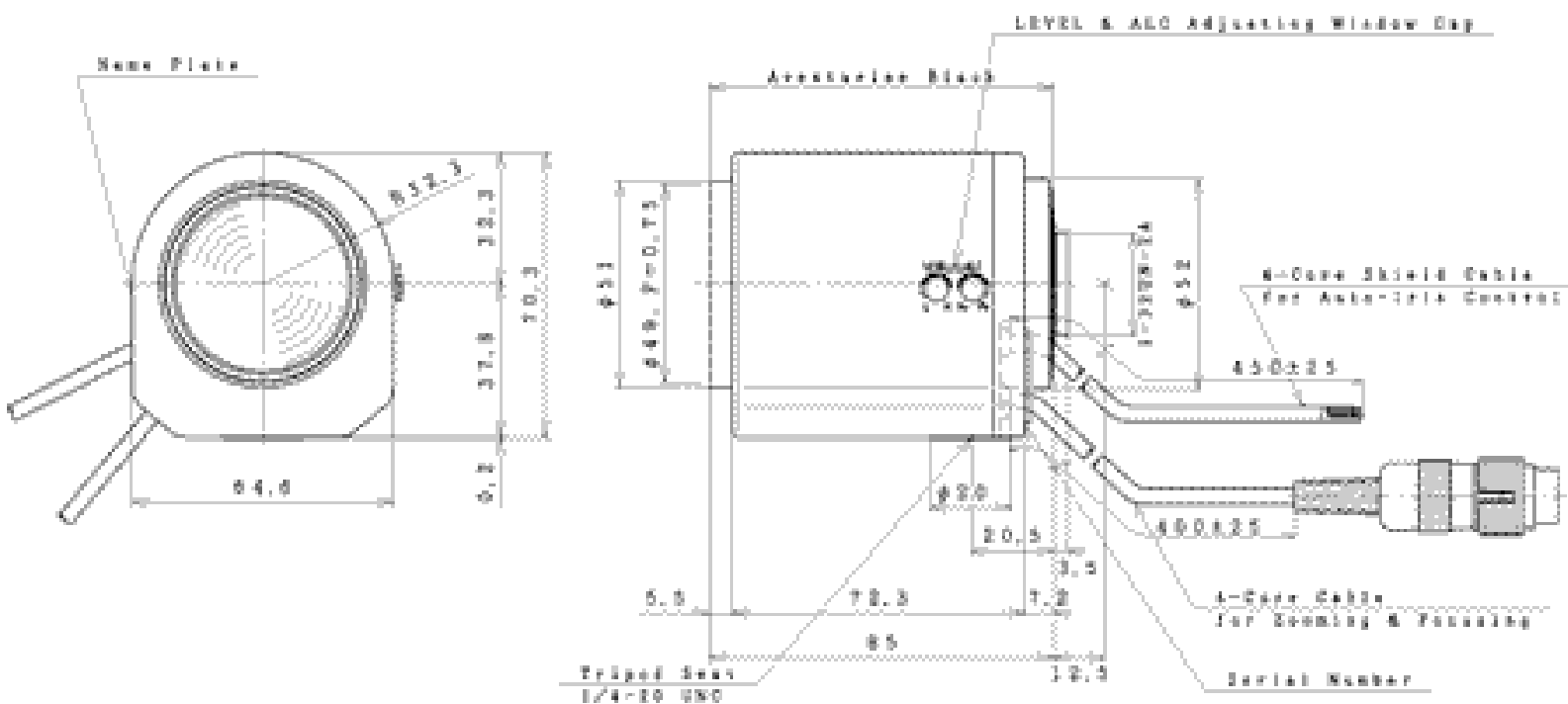


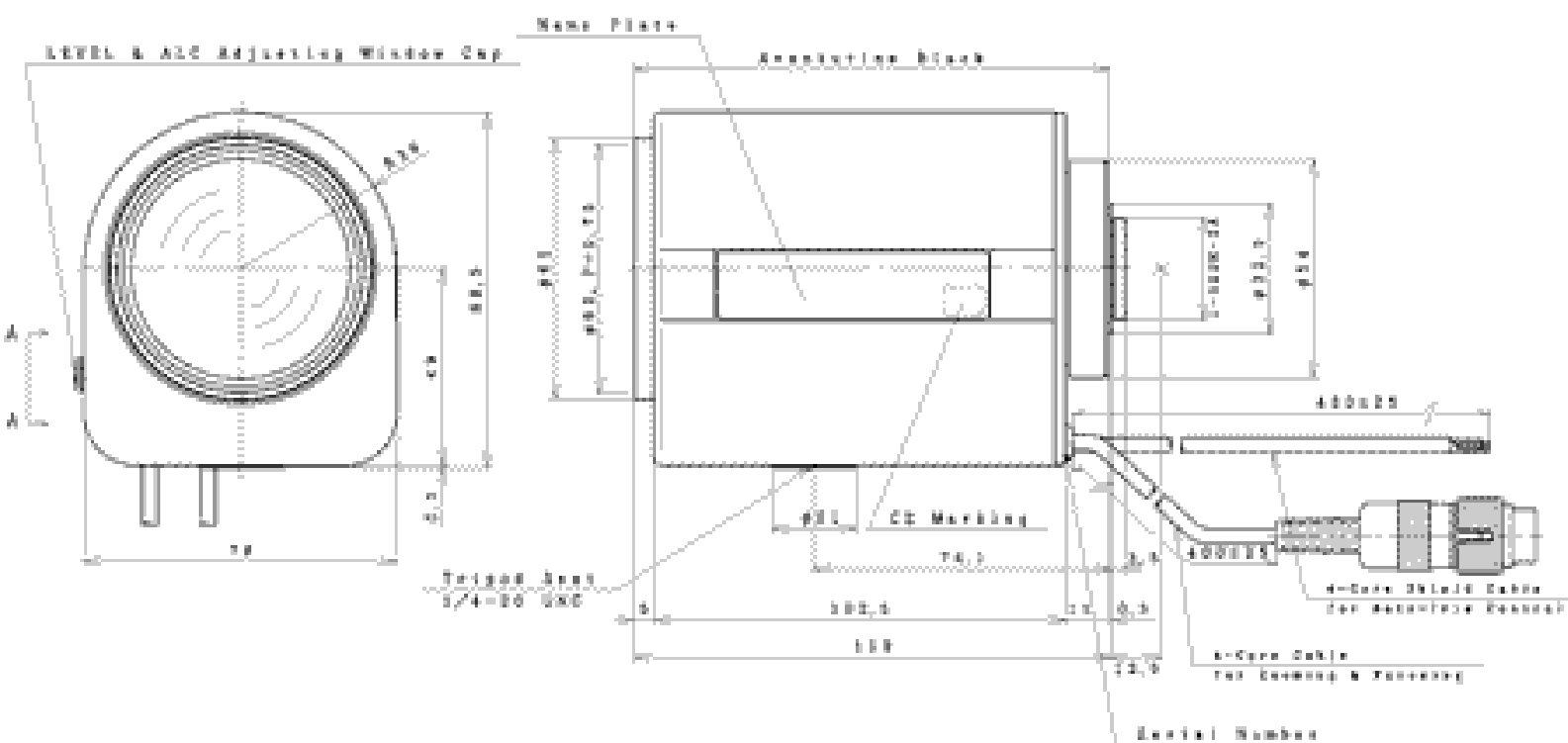


LEVEL & ALC Adjusting Window Cap



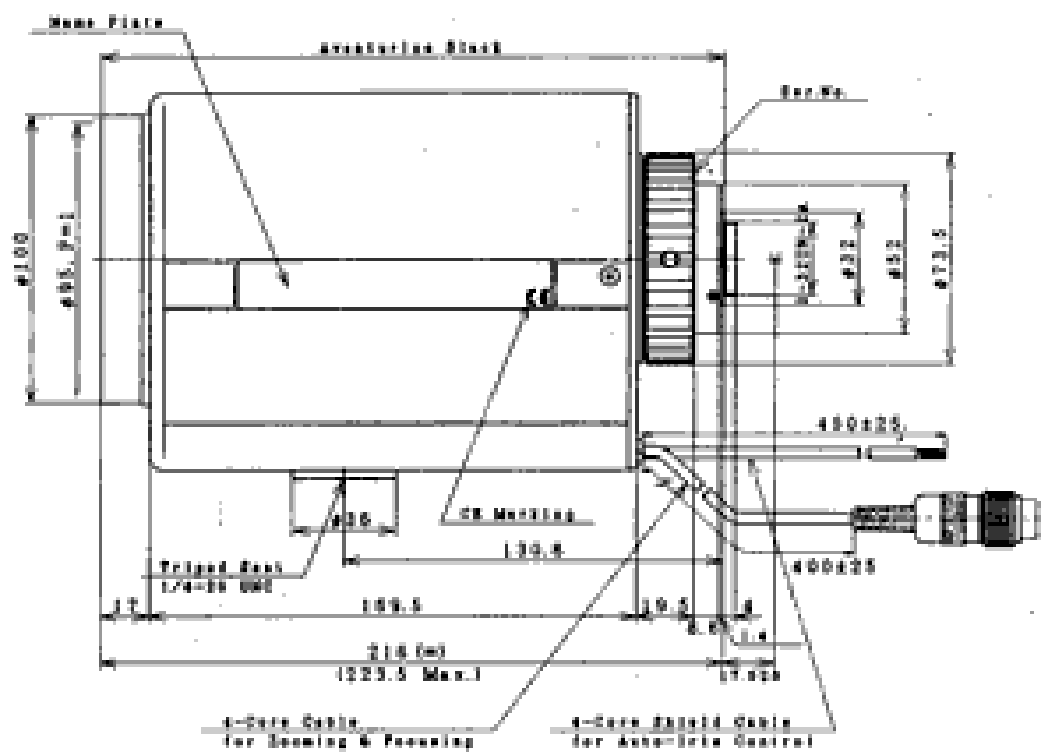
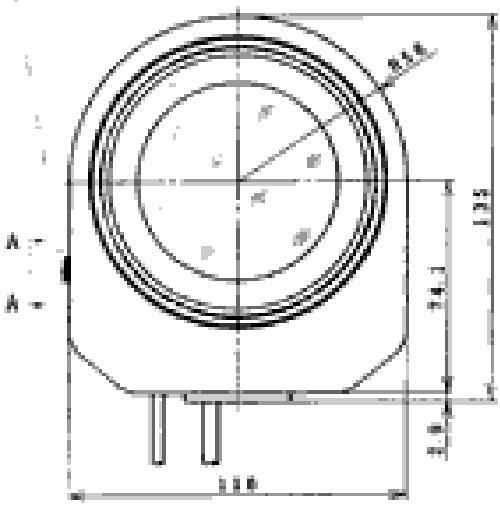
A-B (When Cap Is off)



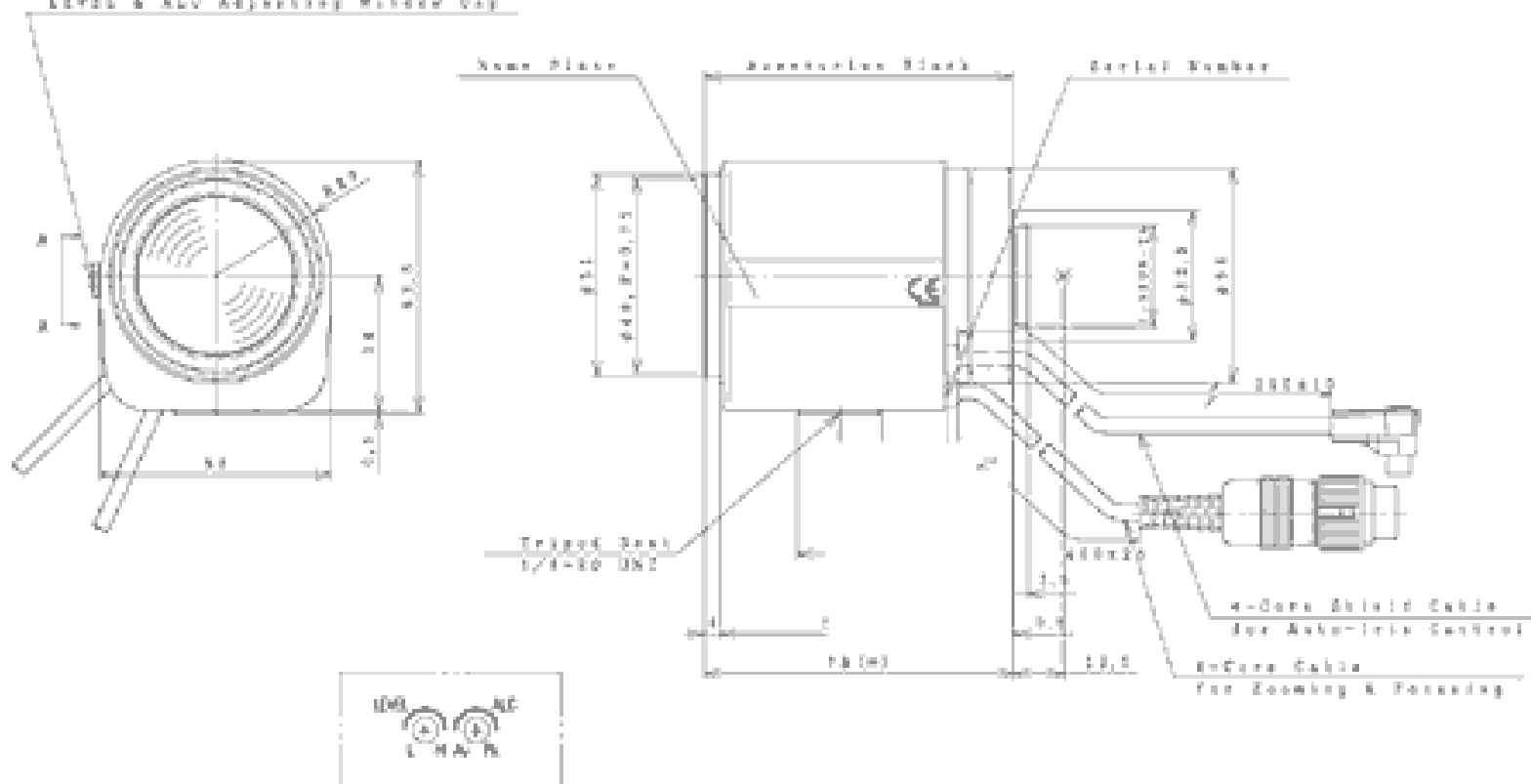




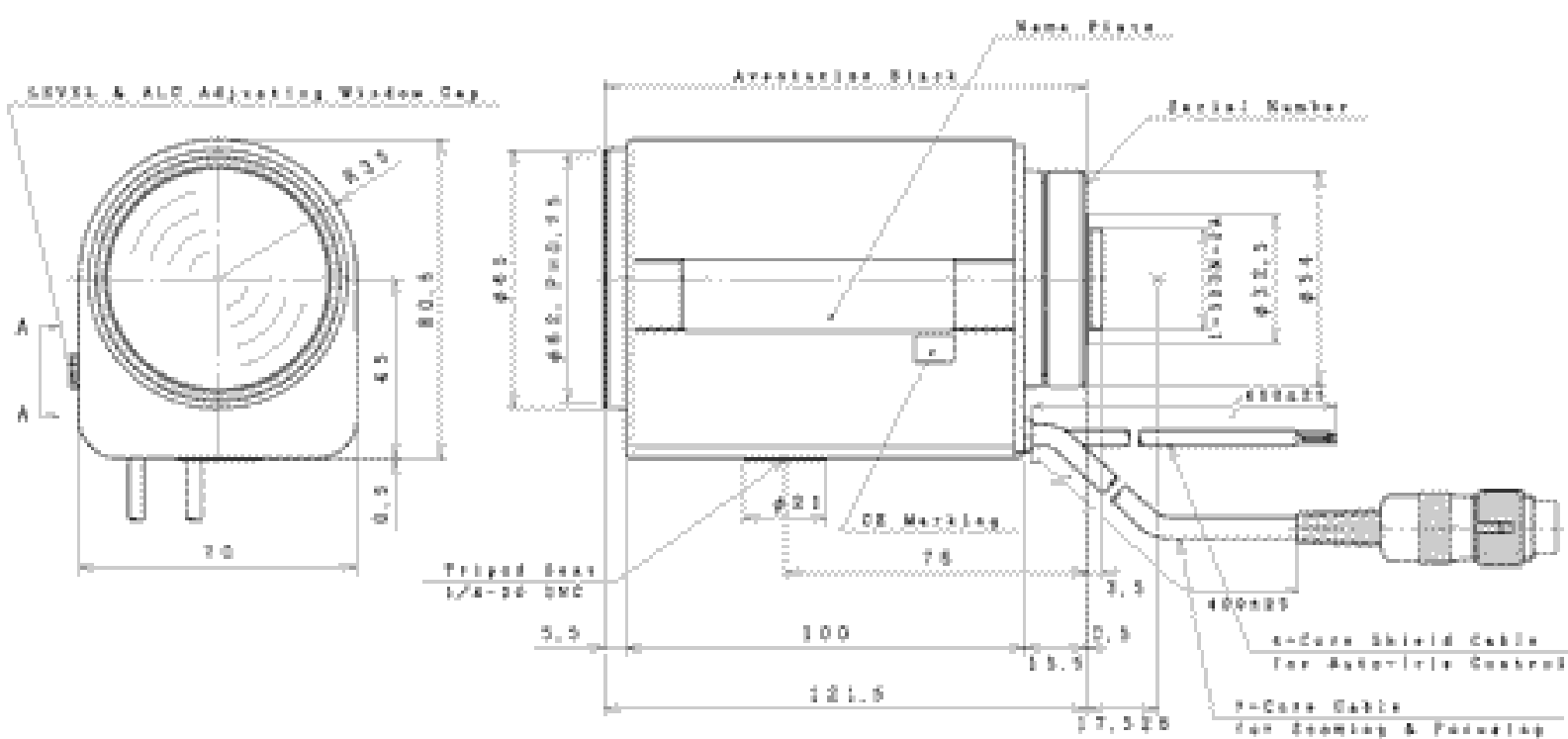
LEVEL A 400
Adjusting Window Cap

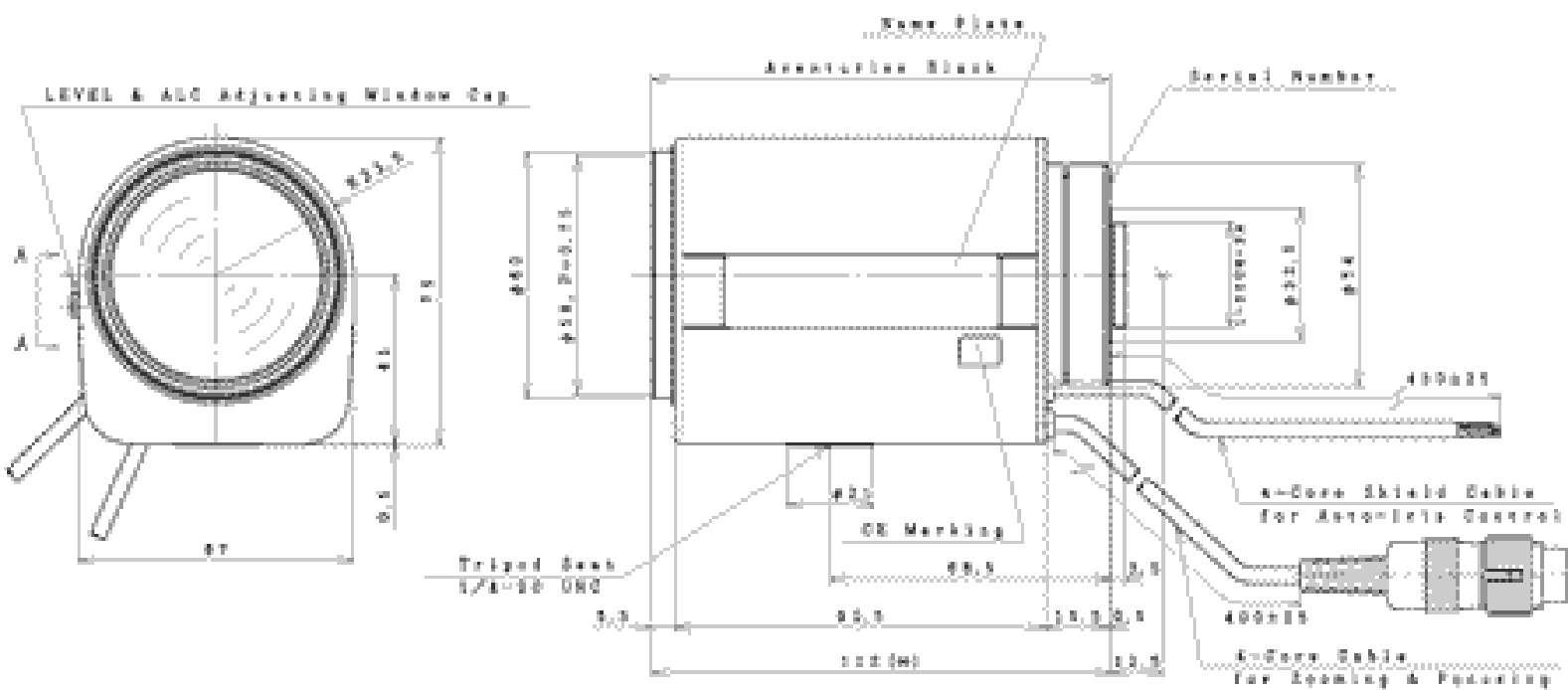


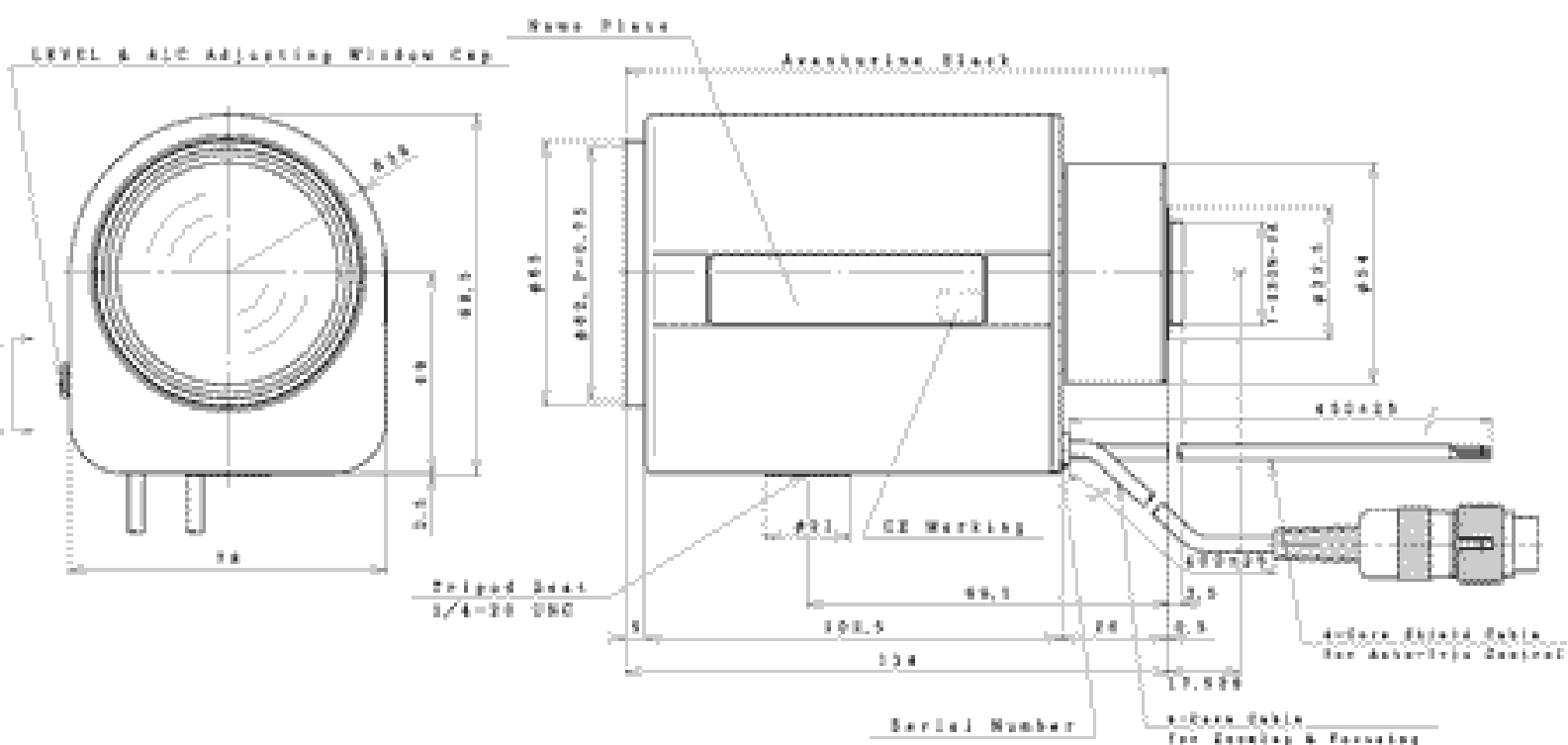
LEWIS & CLARK Anniversary Window Display



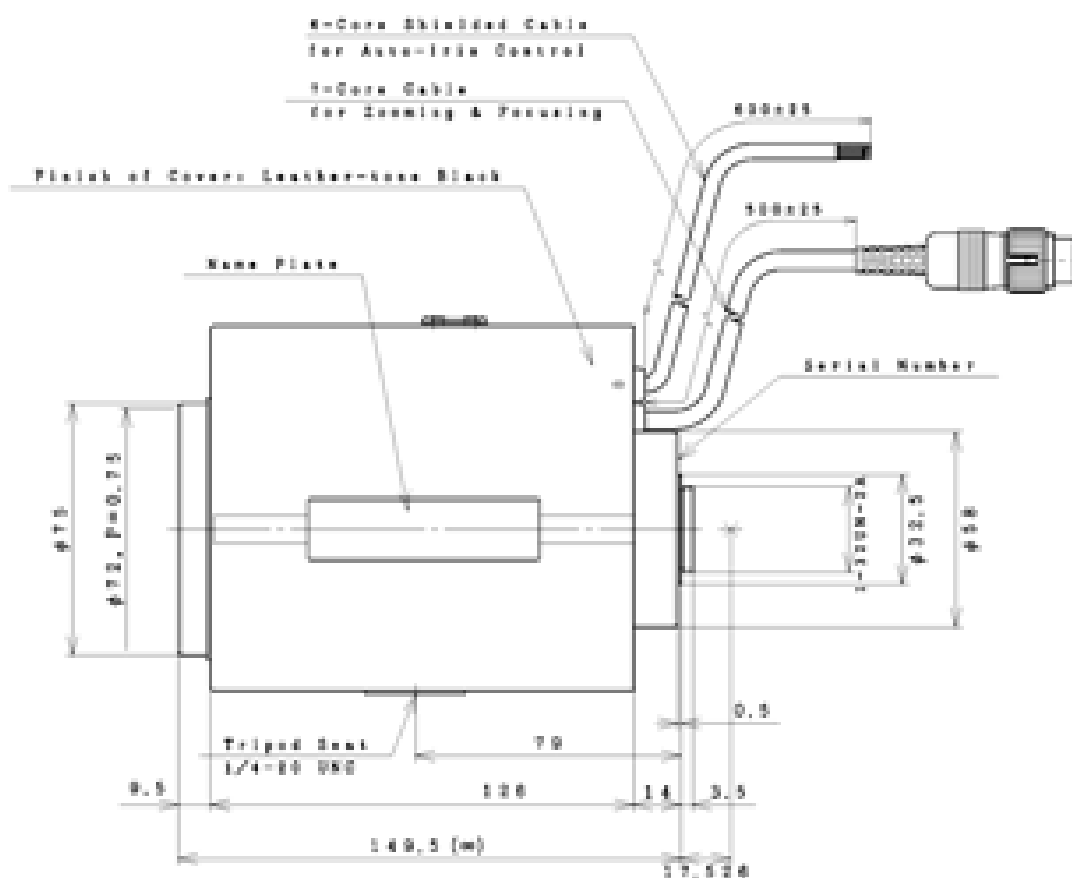
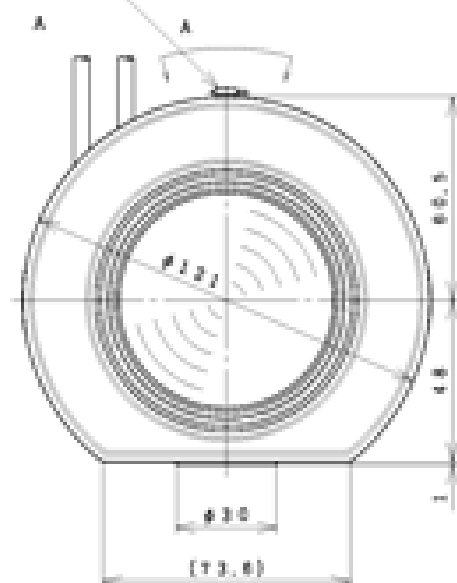
1997-1998 1998-1999 1999-2000 2000-2001 2001-2002

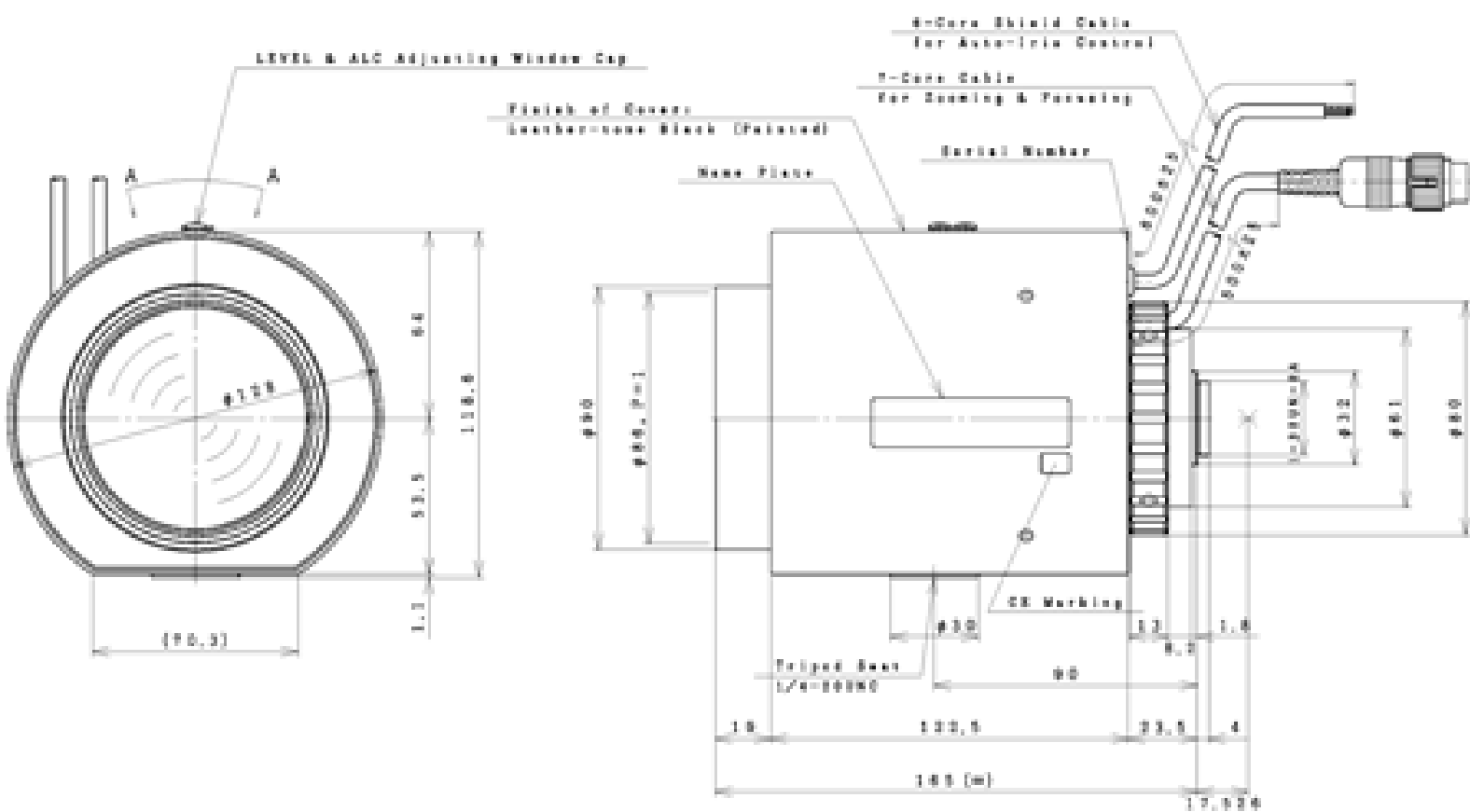






LEVEL & ALC Adjusting Window cap











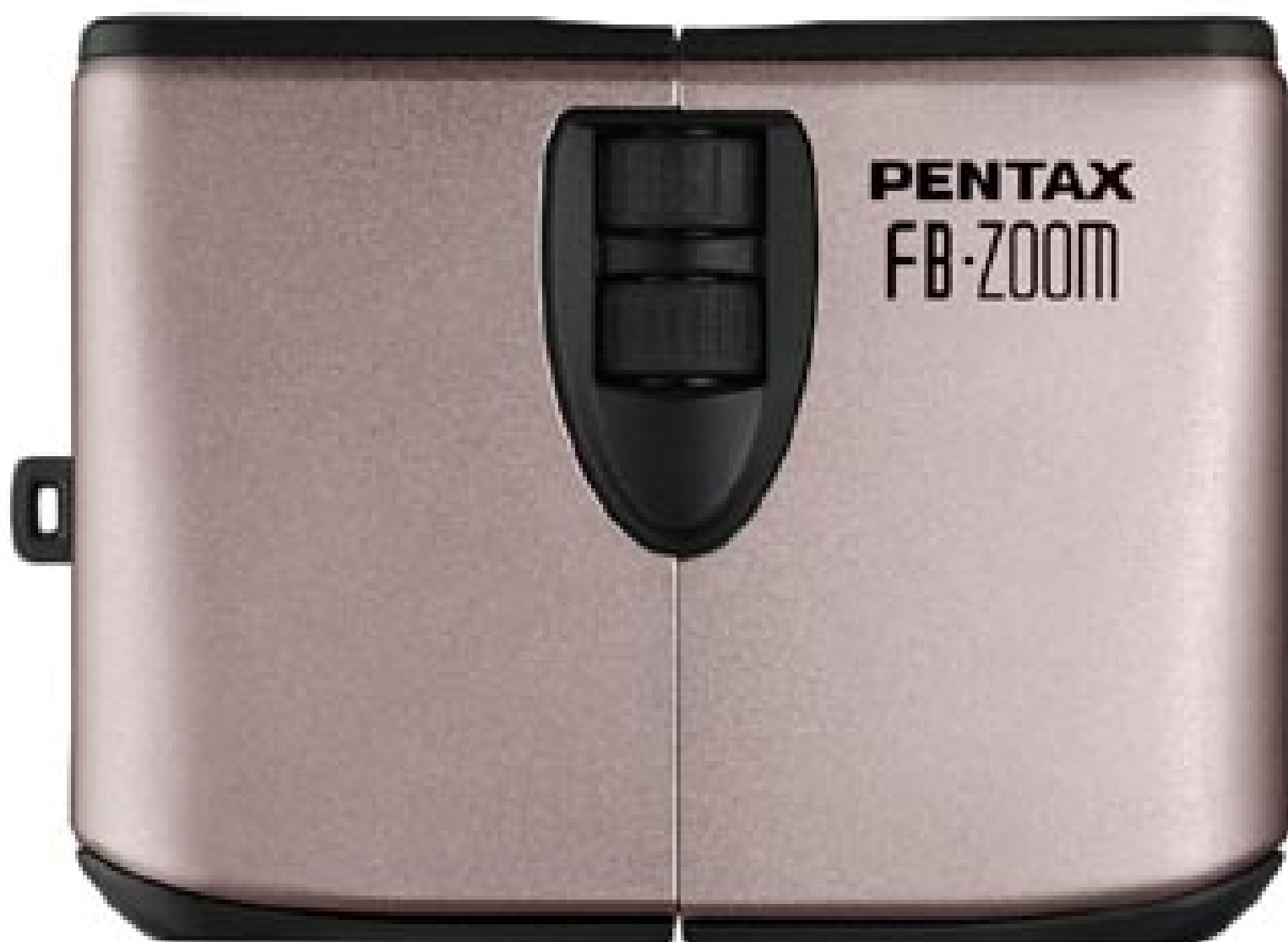




































• JETZT BEI
McDONALD's
111 OPTIOS
GEWINNEN!



MONOPOLY



**PENTAX
PC-330**

PENTAX LENS 26mm





**PENTAX
PC-550**

PENTAX LENS 28mm

AF



















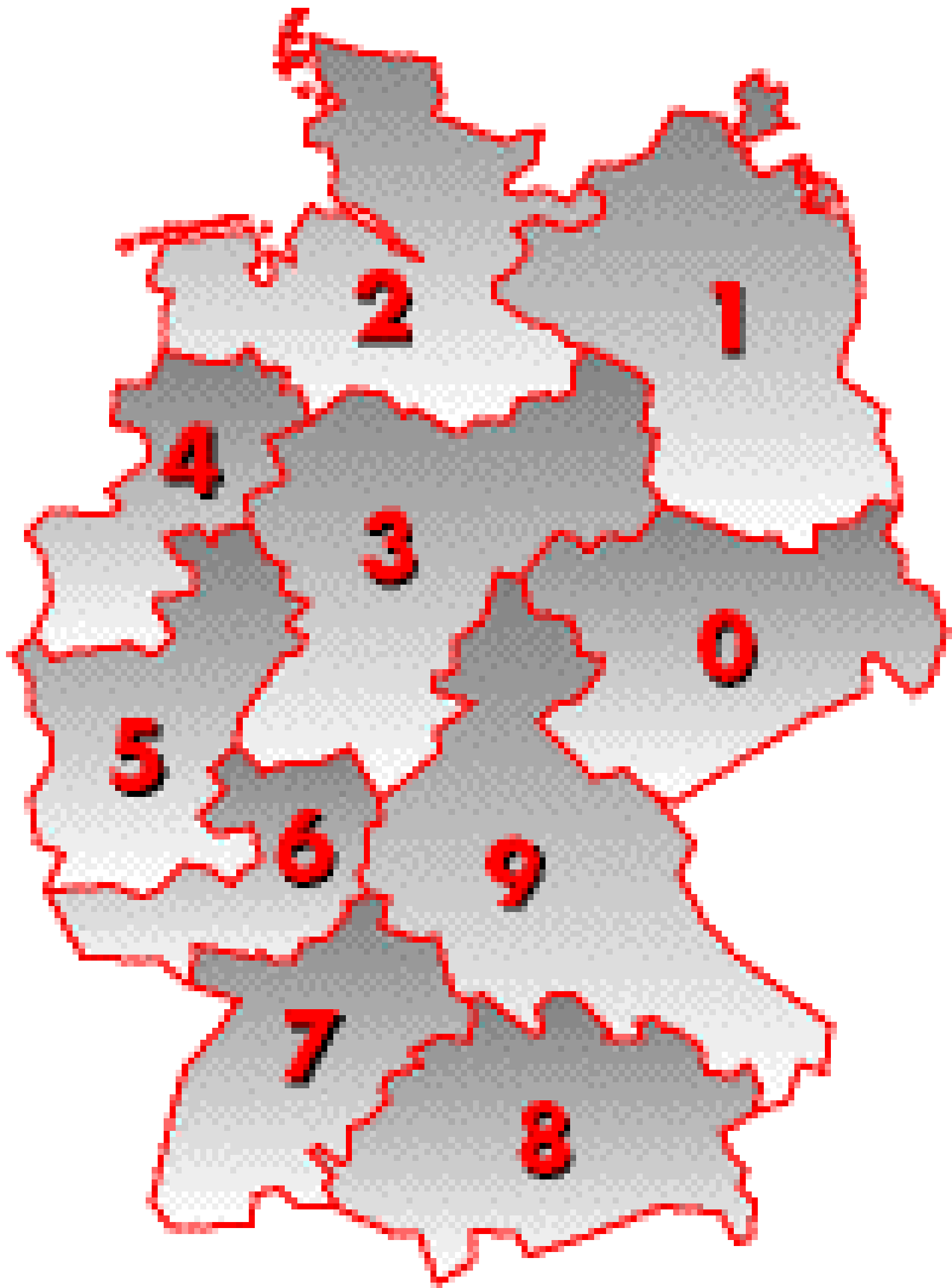














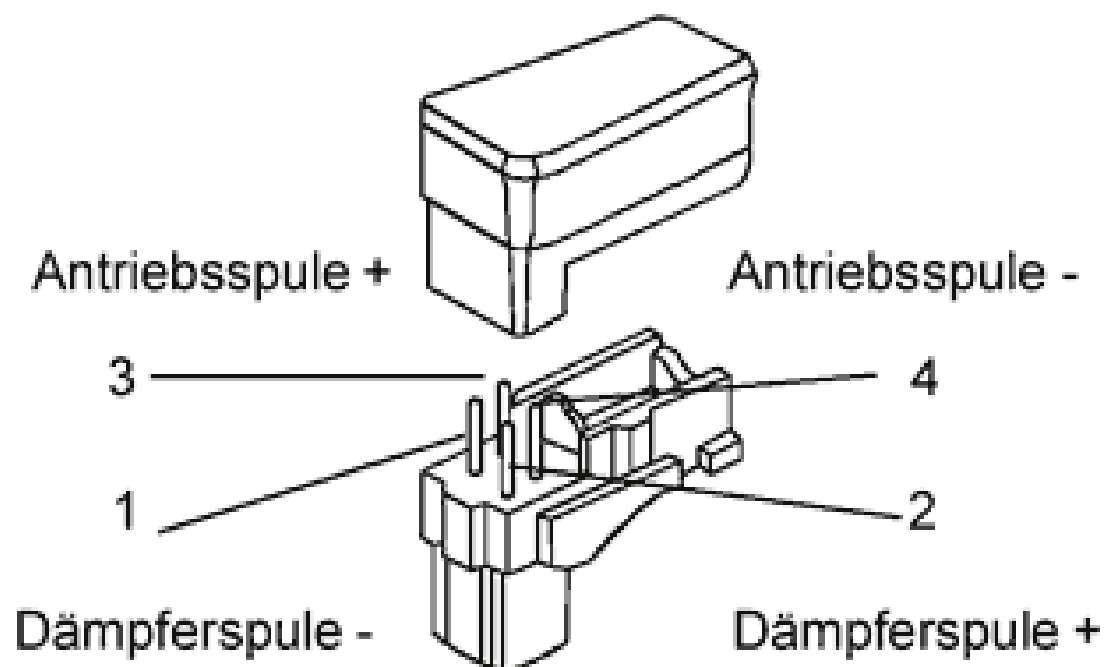
USA

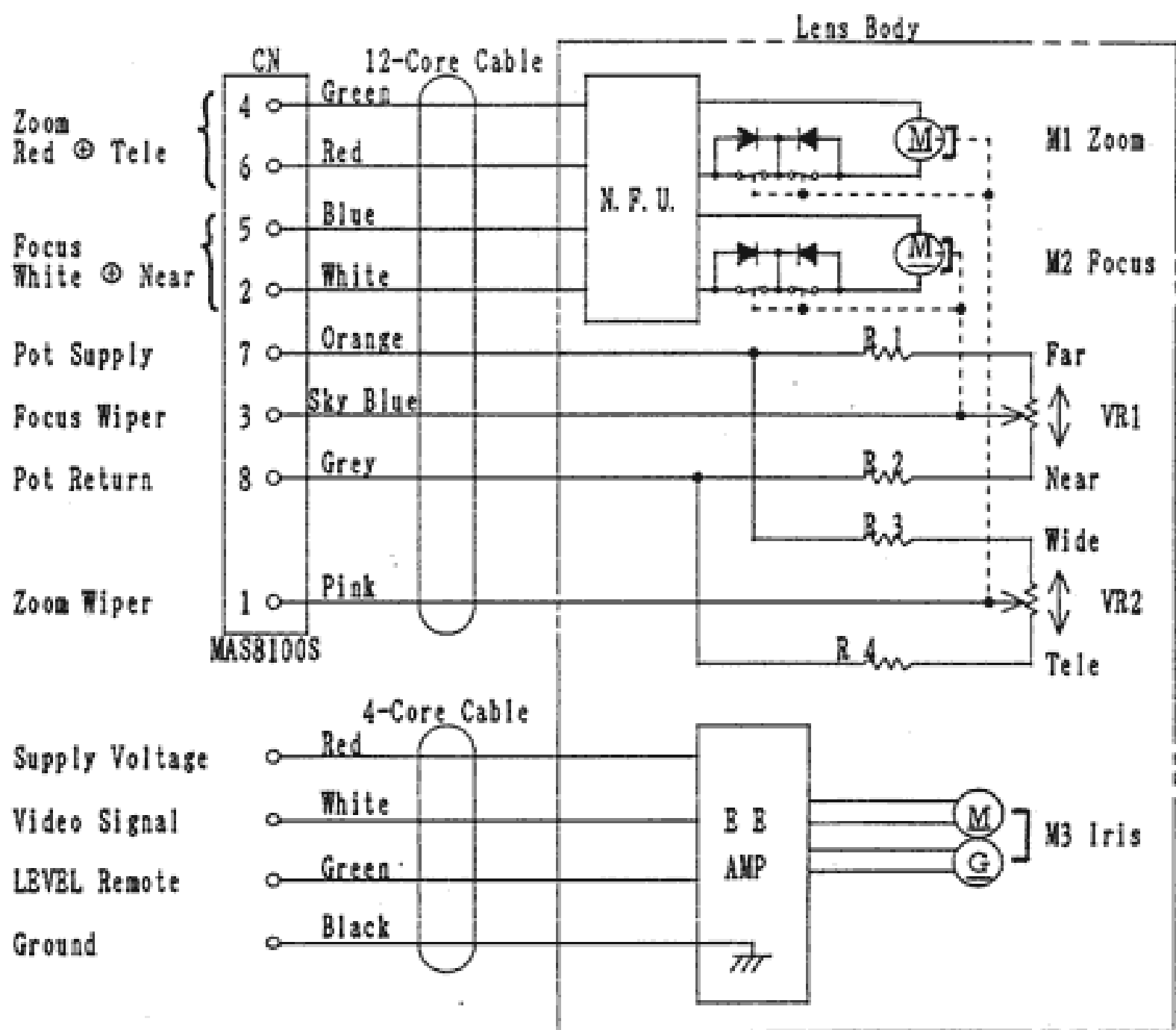


EUROPA



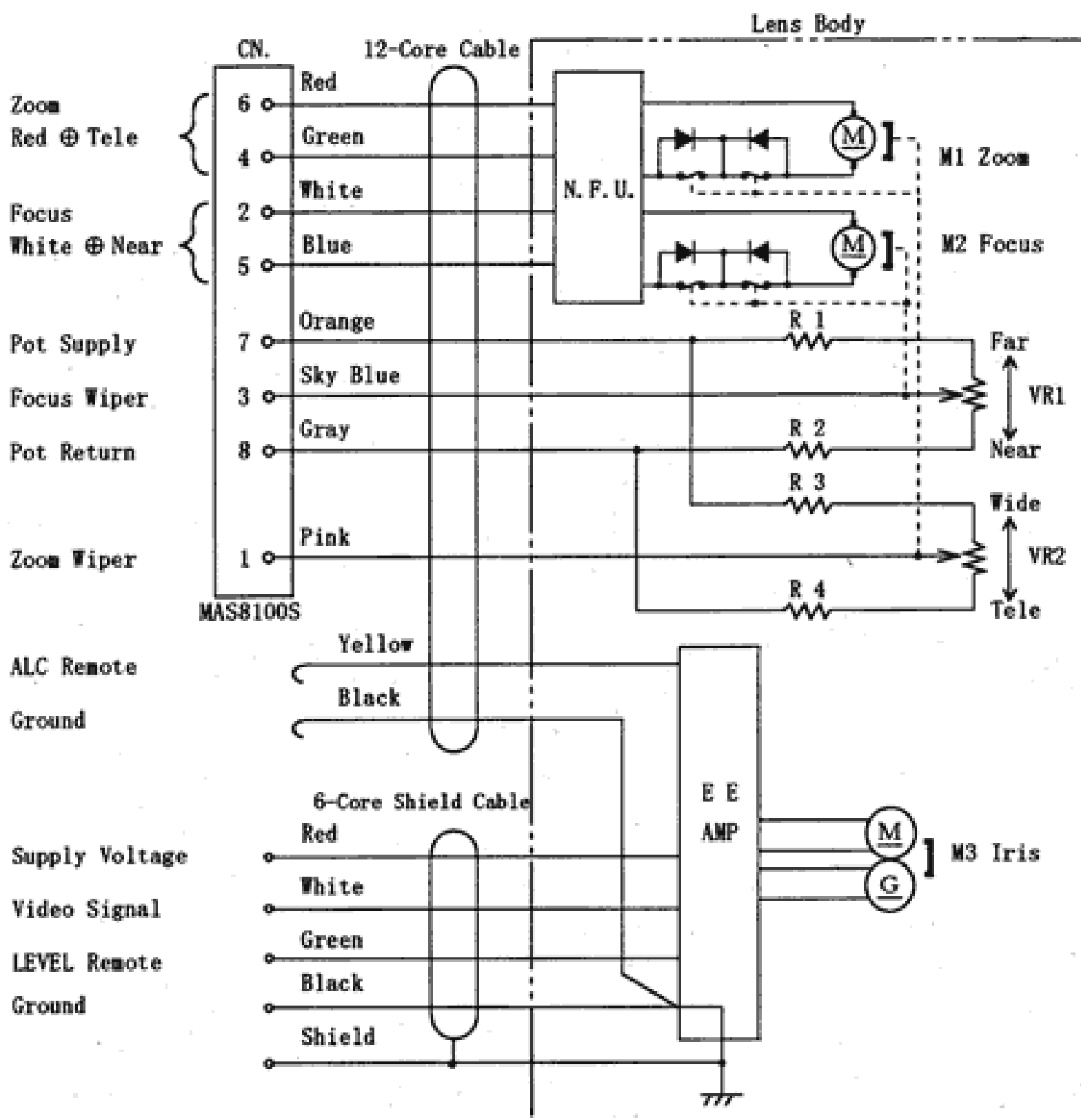
JAPAN





※ N.F.U. : Noise Filter Unit

R1, R2, R3, R4	1K Ω	± 1%	0.1W
VR1, VR2	5k Ω	± 15%	0.2W



※ N.F.U : Noise Filter Unit

R1, R2, R3, R4	1KΩ ± 1%	0.1W
VR1, VR2	5KΩ ± 15%	0.2W

"Manual-Remote " Control

"Manual-Remote " Control can be done by the connection shown in the figure A.

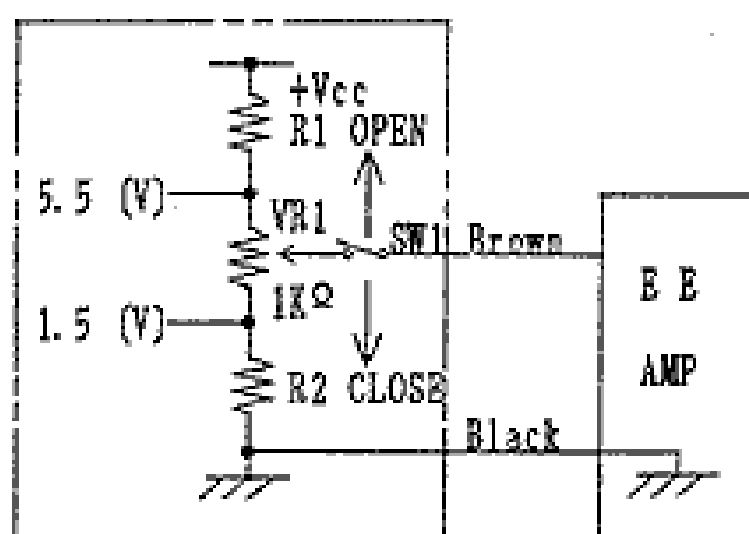
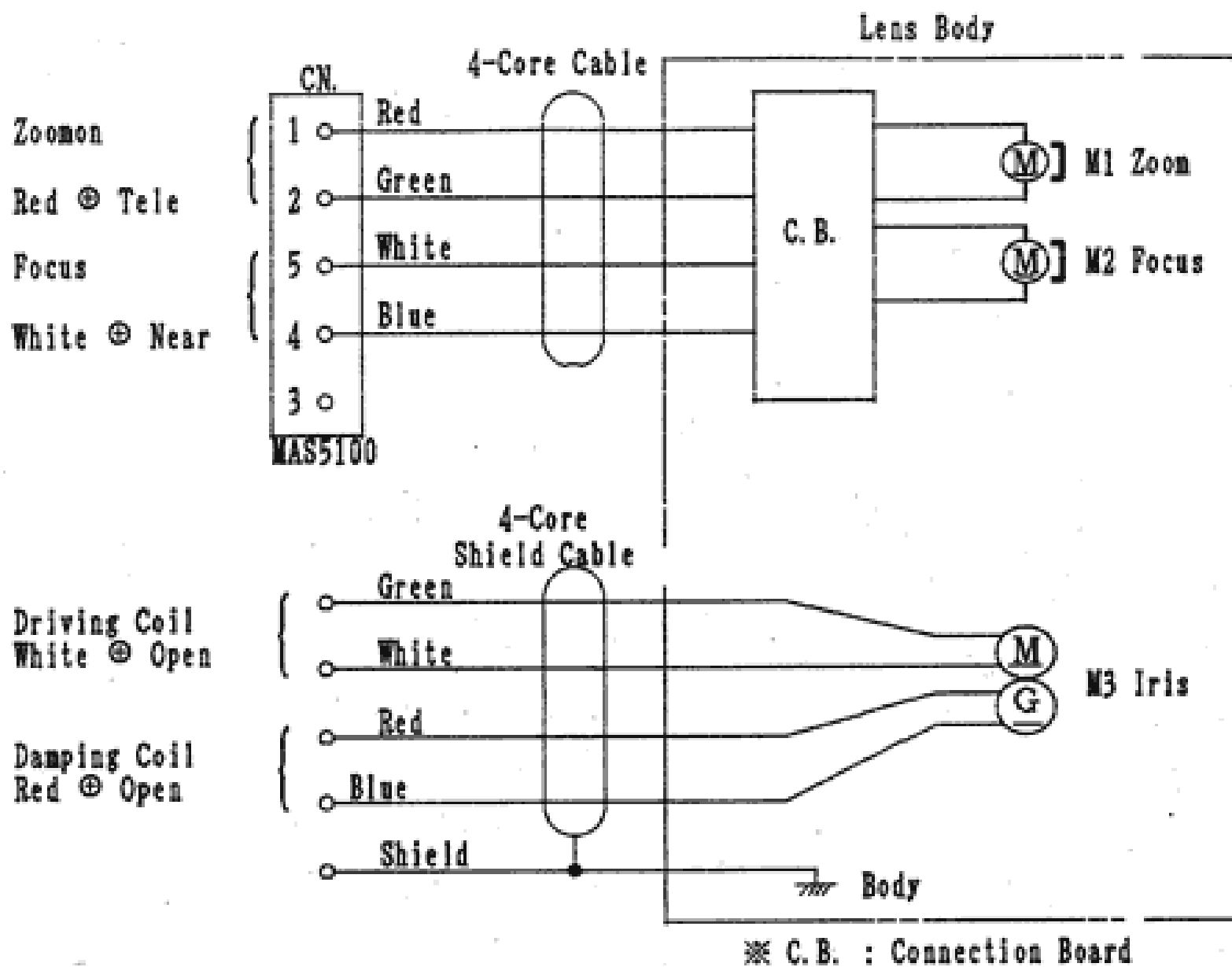


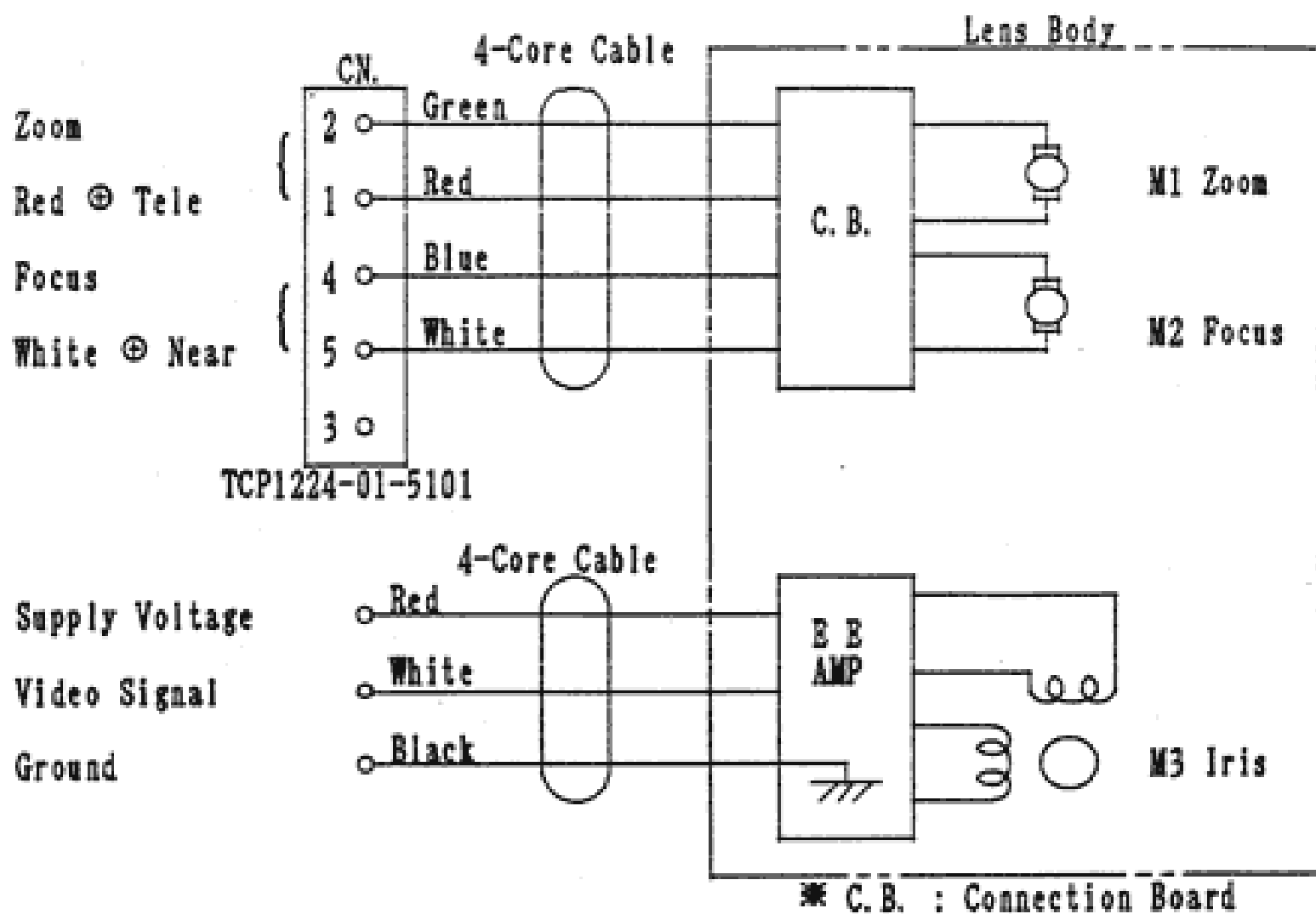
Figure A

SW1	Function
Open or Grounded	Auto
Closed	Manual-Remote

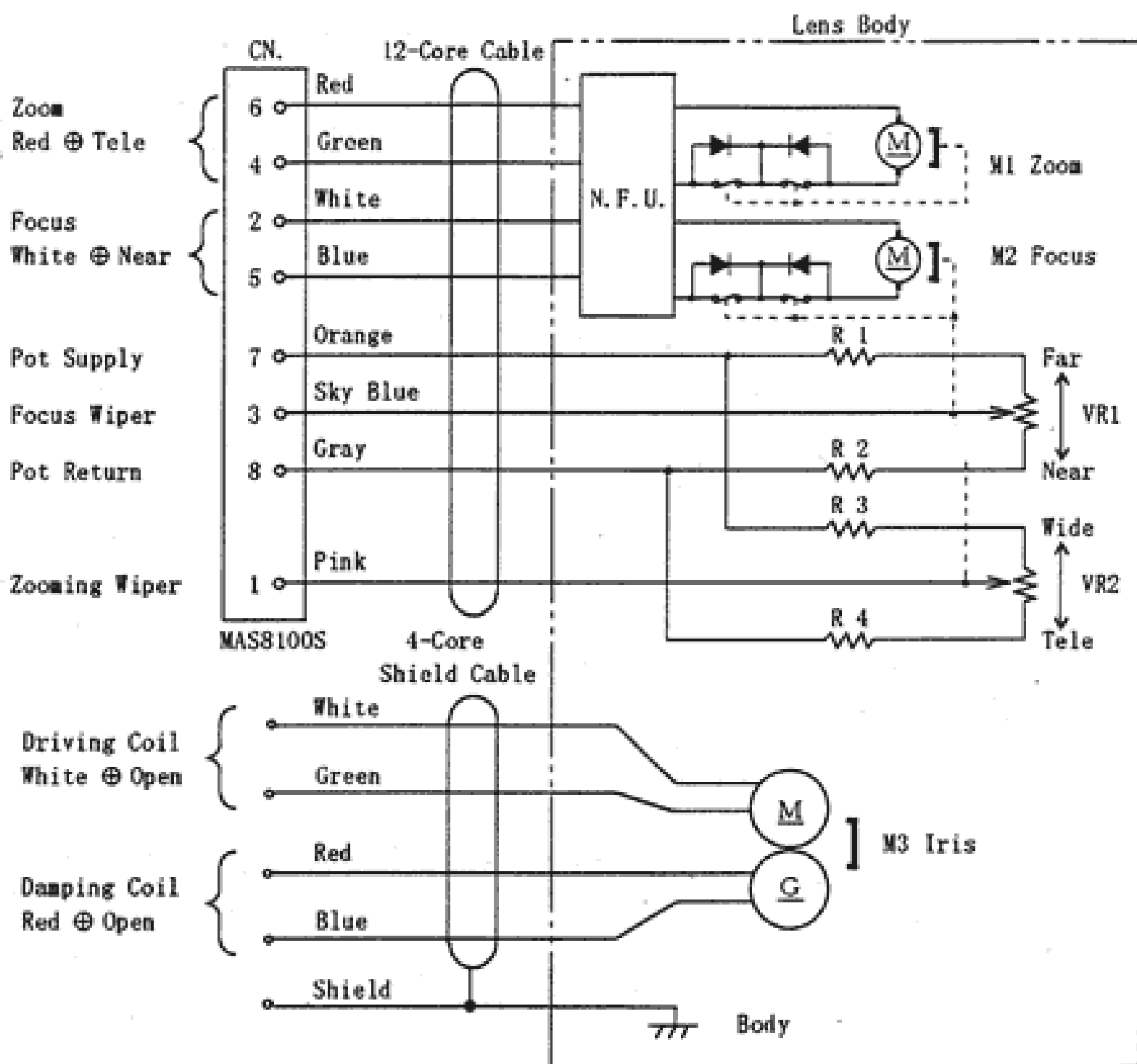
* Vcc represents Supply Voltage from Controller.



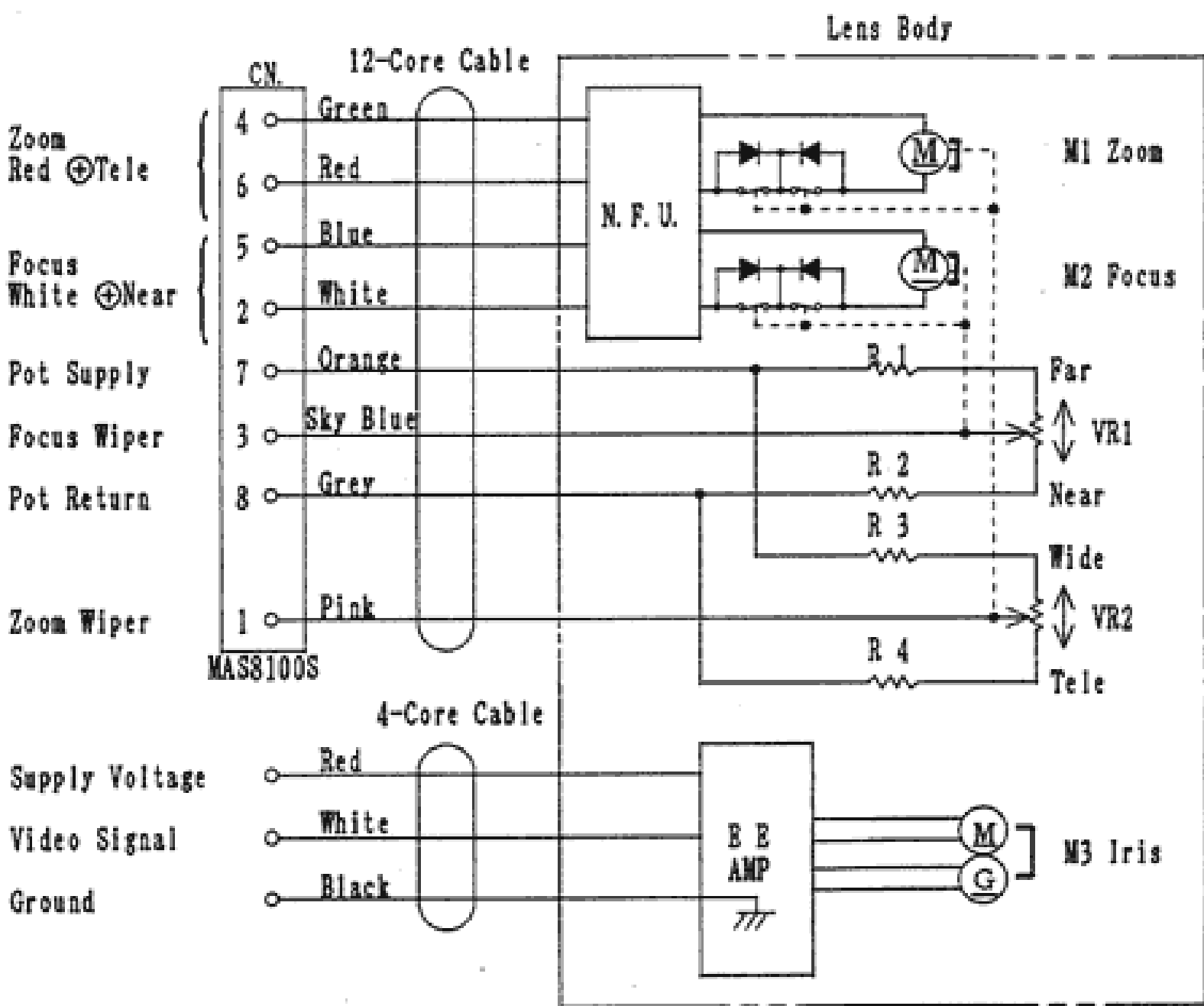
Driving Coil	Resistance	320 (Ω)	(25 °C)
	Lead Color and Direction	Green, White	(White ⊕ Open)
Damping Coil	Resistance	580 (Ω)	(25 °C)
	Lead Color and Direction	Red, Blue	(Red ⊕ Open)
Driving Voltage	Close to Open	+ 4 (V)	or less
	Open to Close	Over 0.05 (V)	(By Spring)



Driving Coil	Resistance	190 [Ω] (25°C)
	Lead color and Direction	White,Green (White ⊕ Open)
Damping Coil	Resistance	1150 [Ω] (25°C)
	Lead color and Direction	Red,Blue (Red ⊕ Open)
Driving Voltage	Close to Open	+4 [V] or less
	Open to Close	Over 0.5 [V](By Spring)
Close Down	Iris closes down when the power is cut off and protects Image Sensor from strong light.	

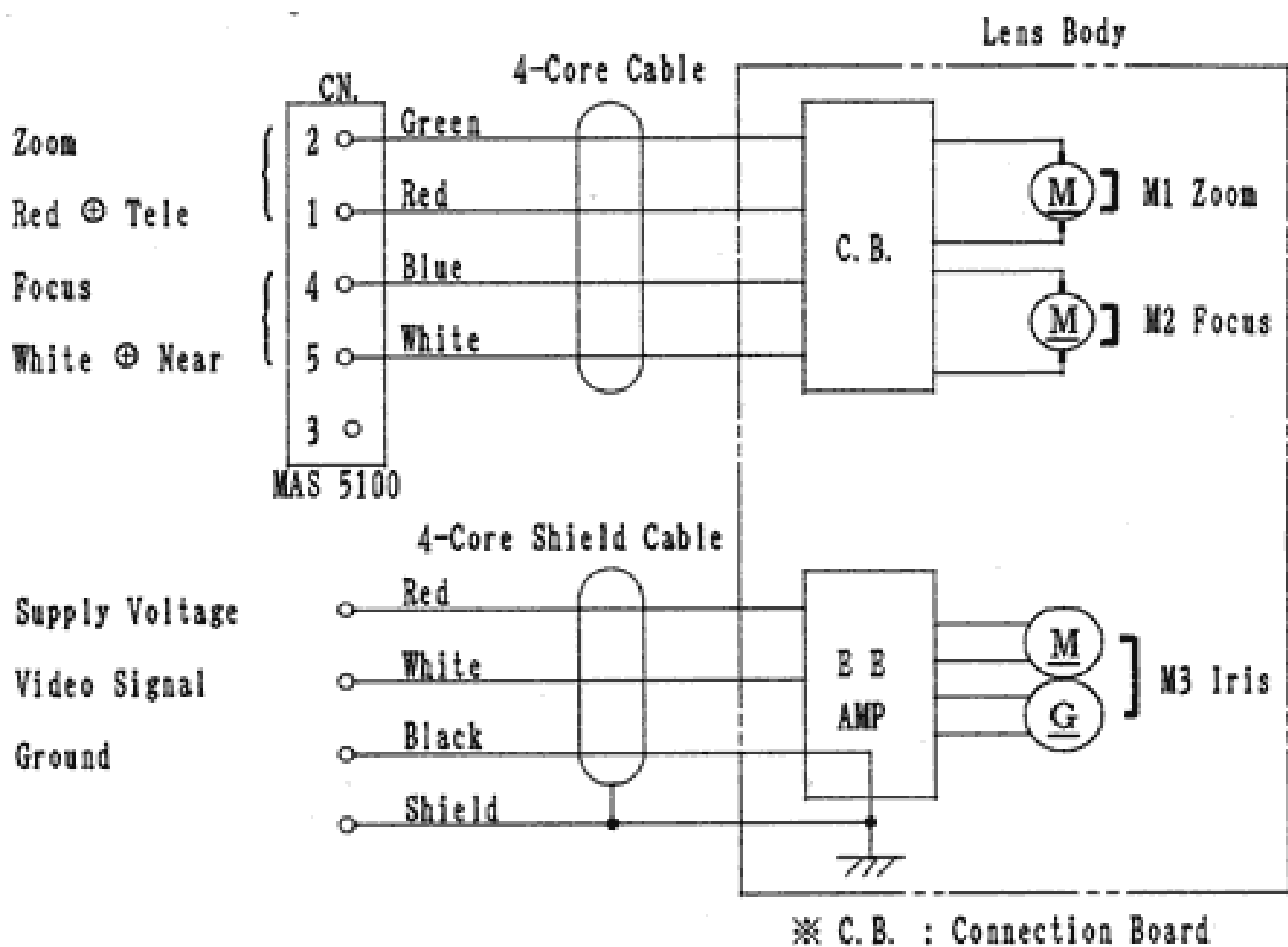


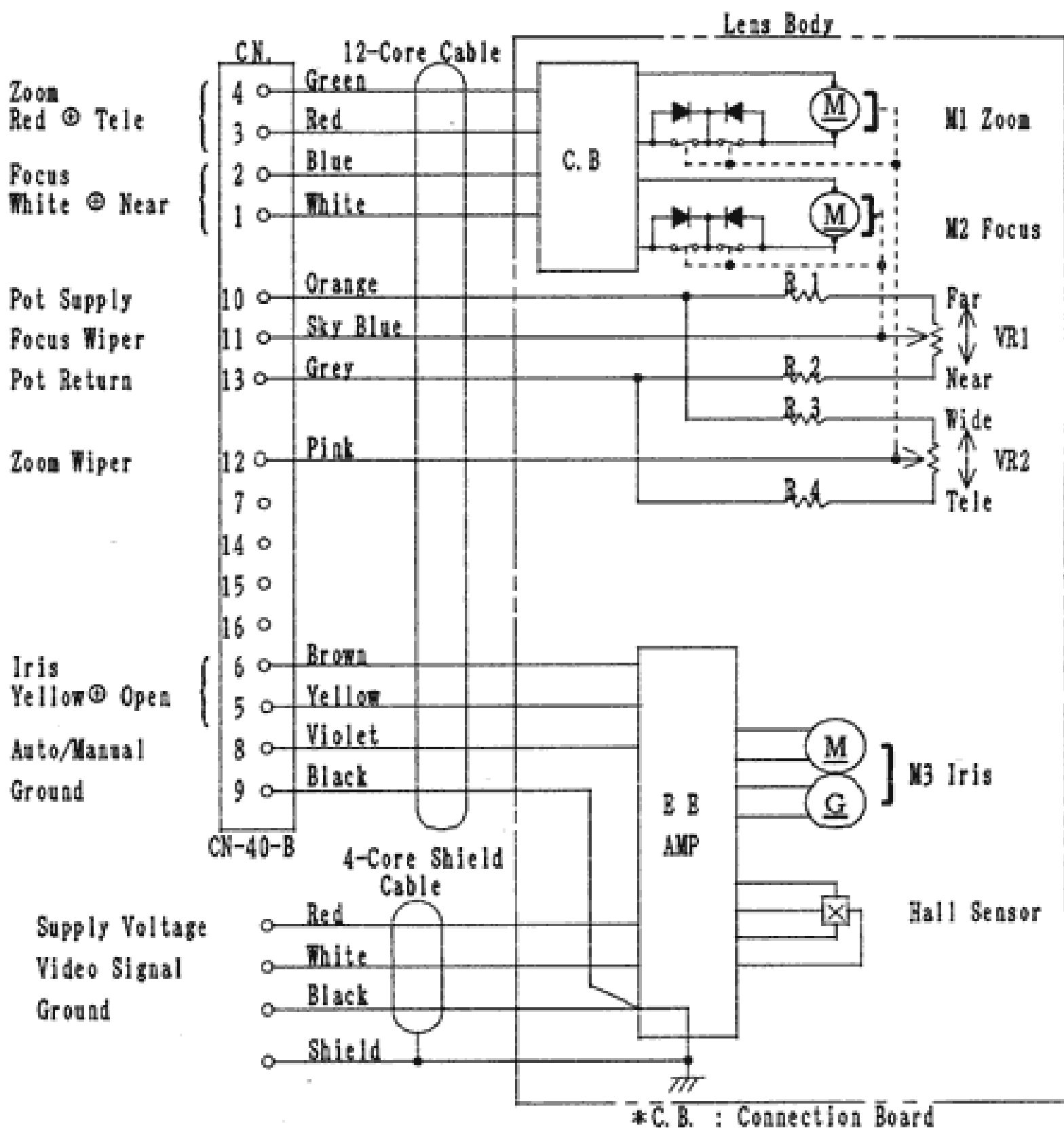
R1, R2, R3, R4	1KΩ ± 1% 0.1W
VR1, VR2	5KΩ ± 15% 0.2W



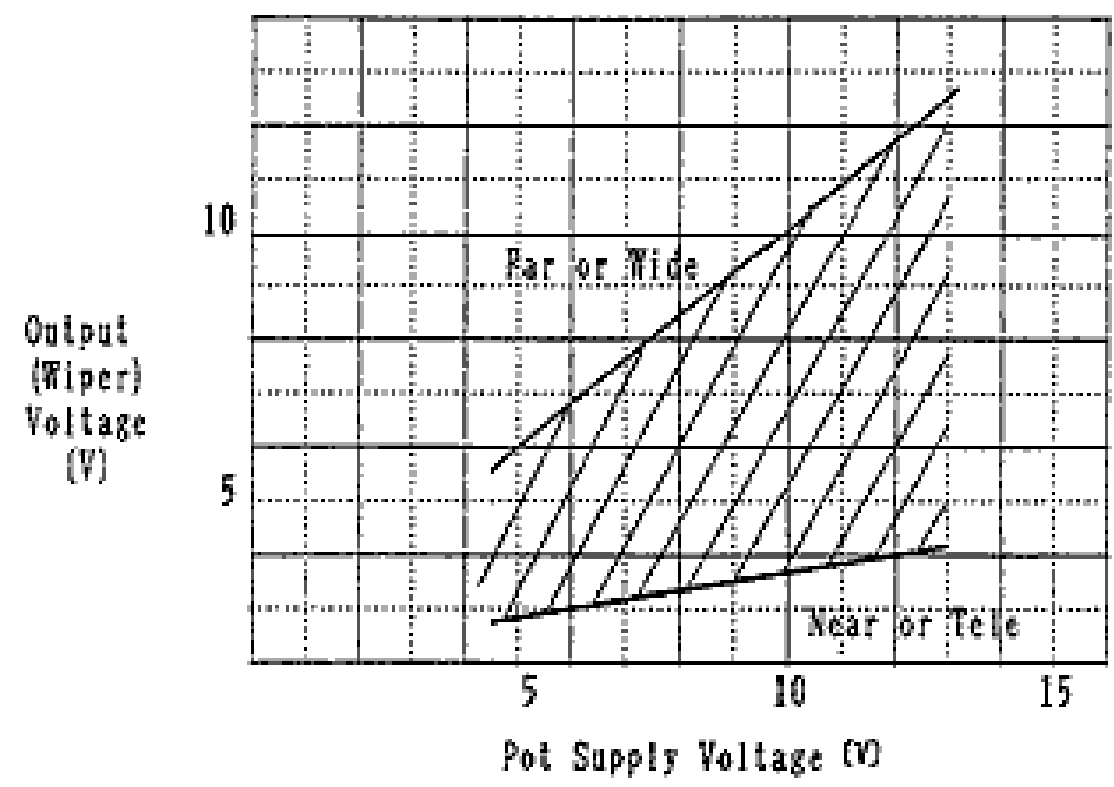
※ N. F. U. : Noise Filter Unit

R1, R2, R3, R4	1K Ω	$\pm 1\%$	0.1W
VR1, VR2	5K Ω	$\pm 15\%$	0.2W



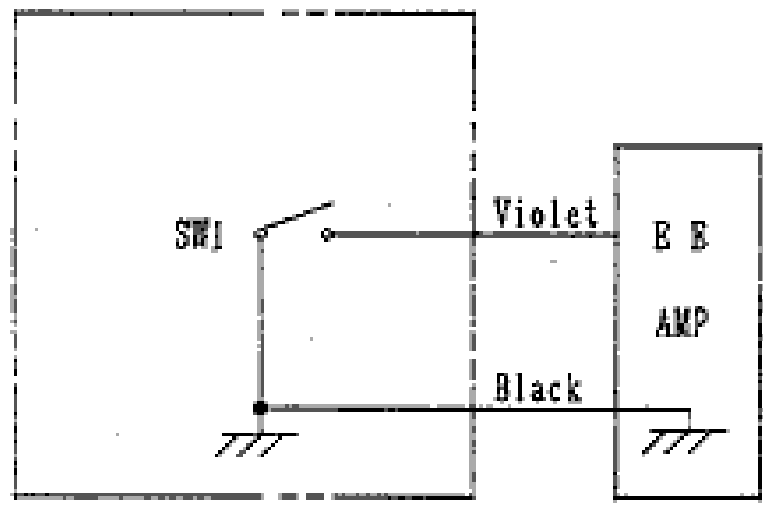


Pot Supply Output Range Characteristics



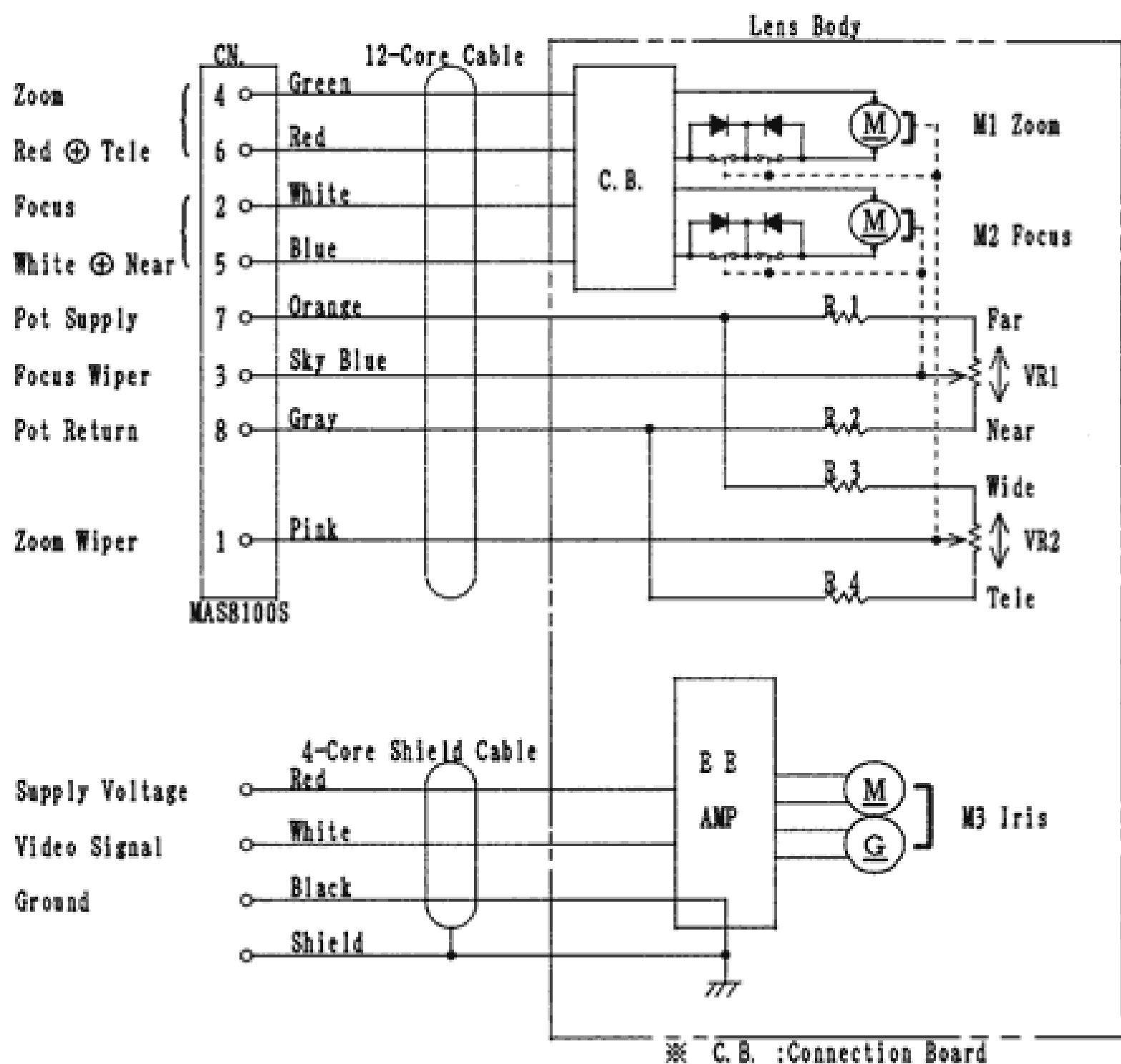
"Manual-Remote " Control

"Manual-Remote " Control can be done by the connection shown in the figure.

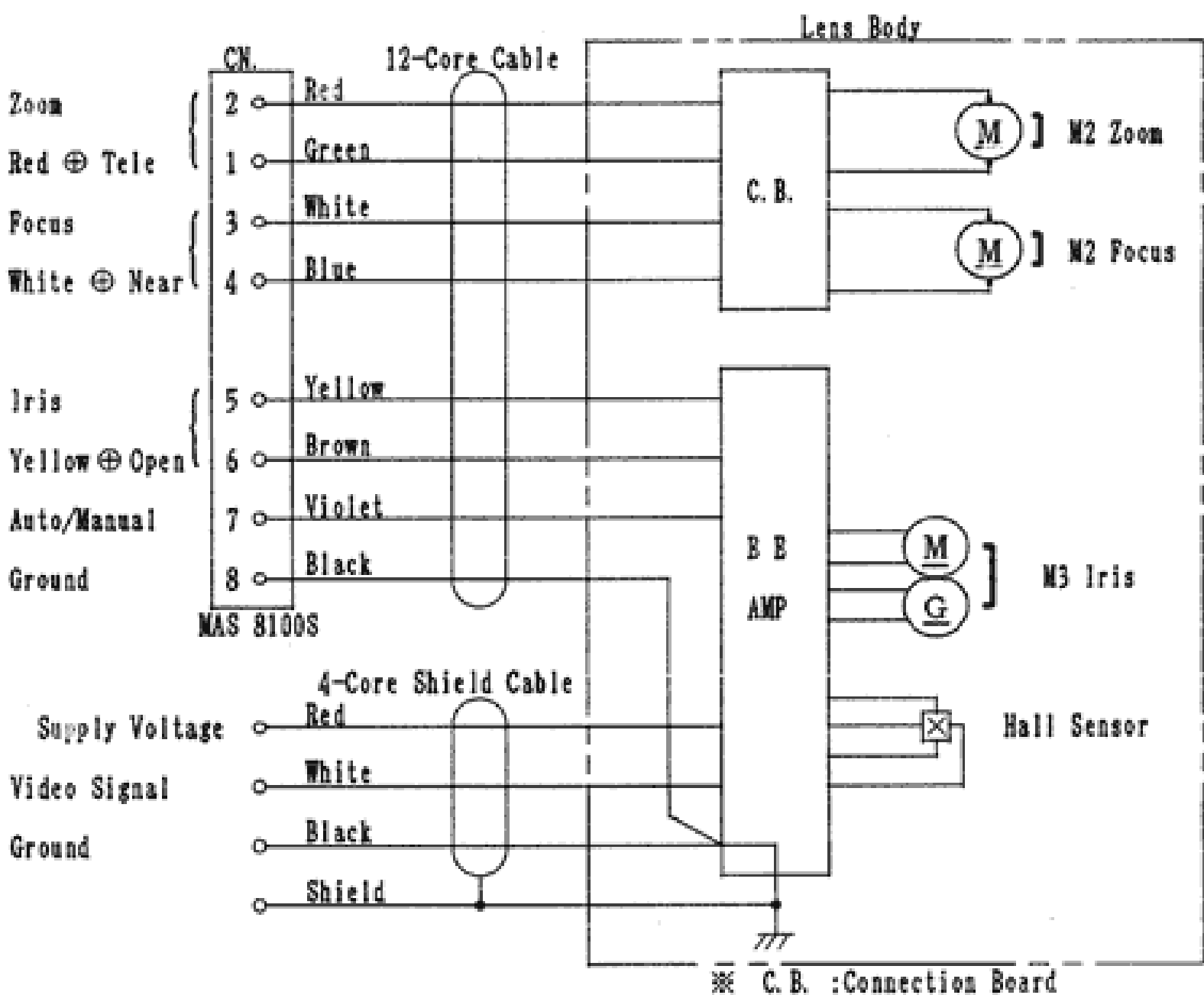


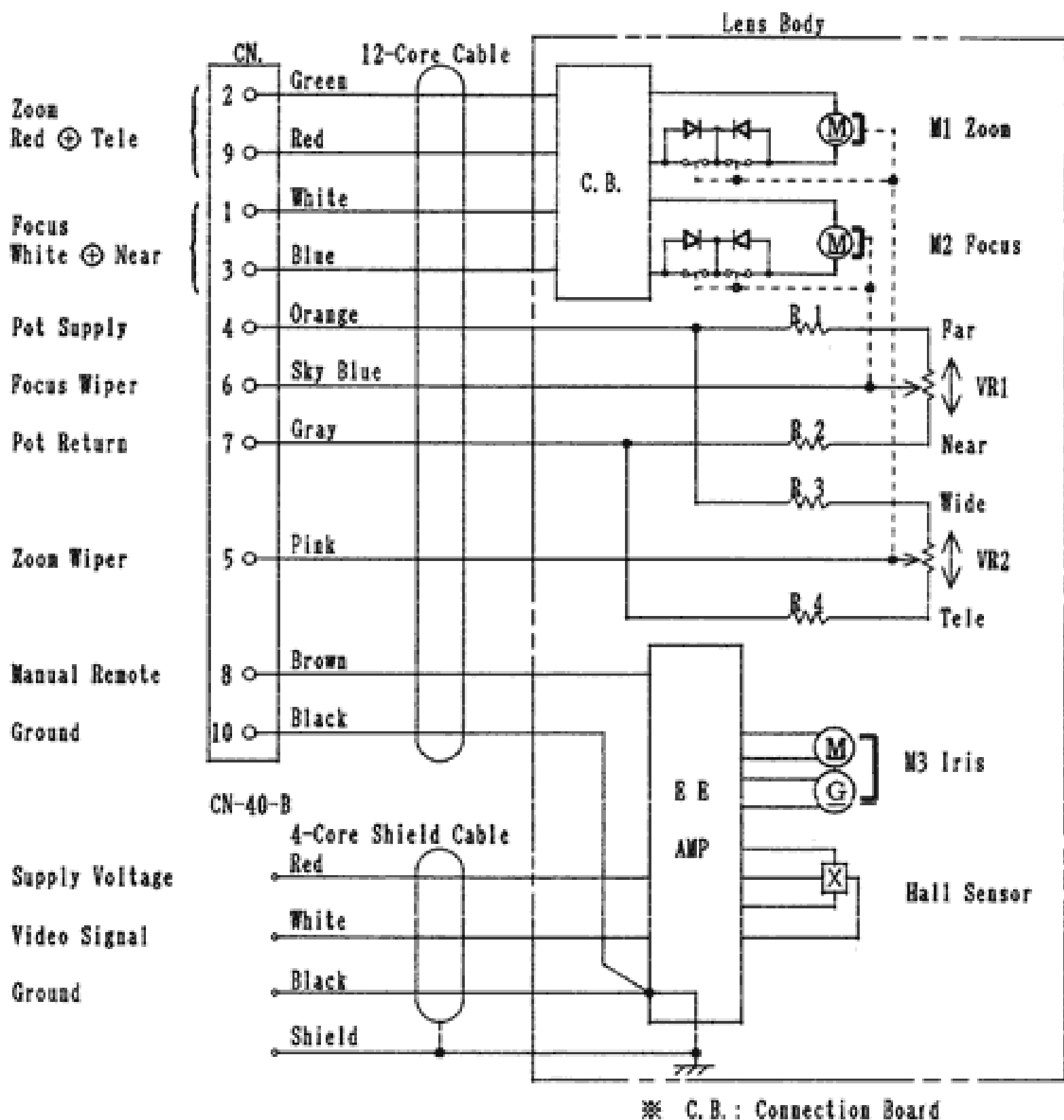
SW1	Function
Open	Auto
Closed	Manual-Remote

* In the "Manual-Remote " Control range the iris closes once when the power is on.



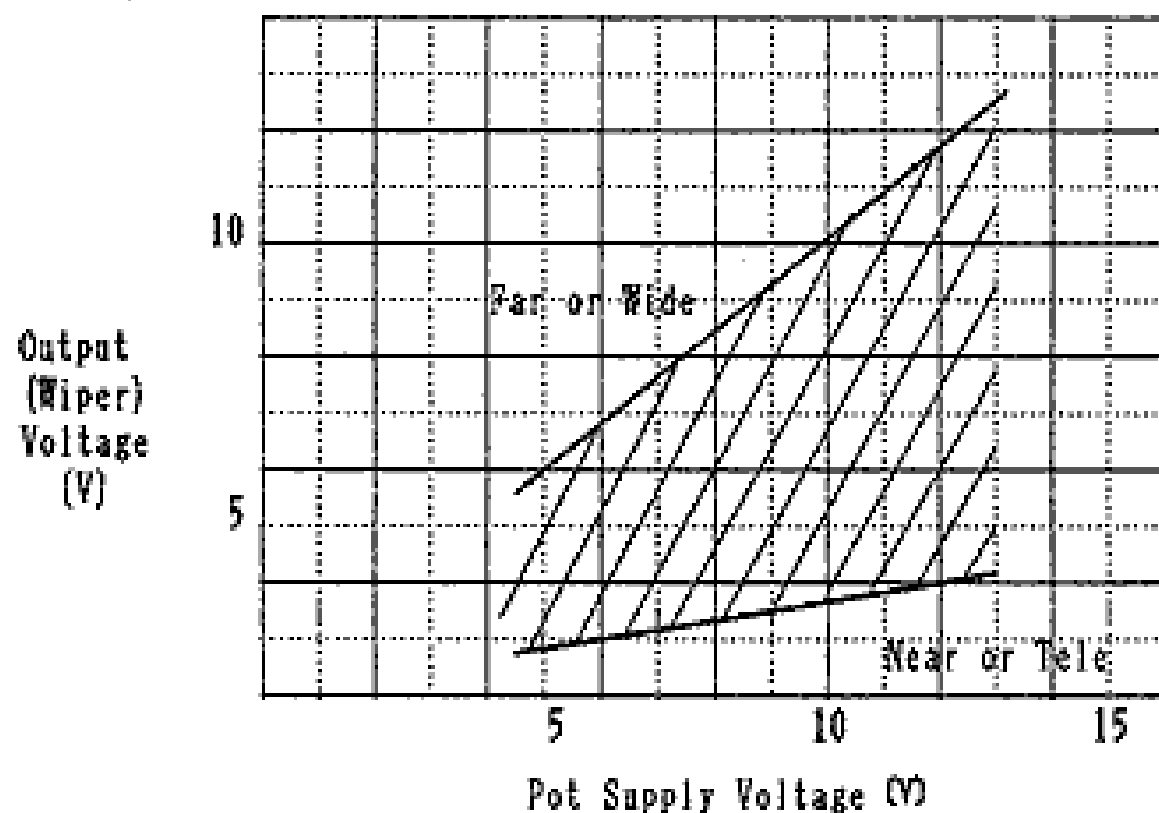
R1, R2, R3, R4	1KΩ	± 1%	0.1W
VR1, VR2	5KΩ	±15%	0.2W





R1, R2, R3, R4	1K Ω	$\pm 1\%$	0.25W
VR1, VR2	5K Ω	$\pm 15\%$	0.2W

(4) Pot Supply Output Range Characteristics



(5) "Manual-Remote" Control

"Manual-Remote" Control can be done by the connection shown in the figure A.

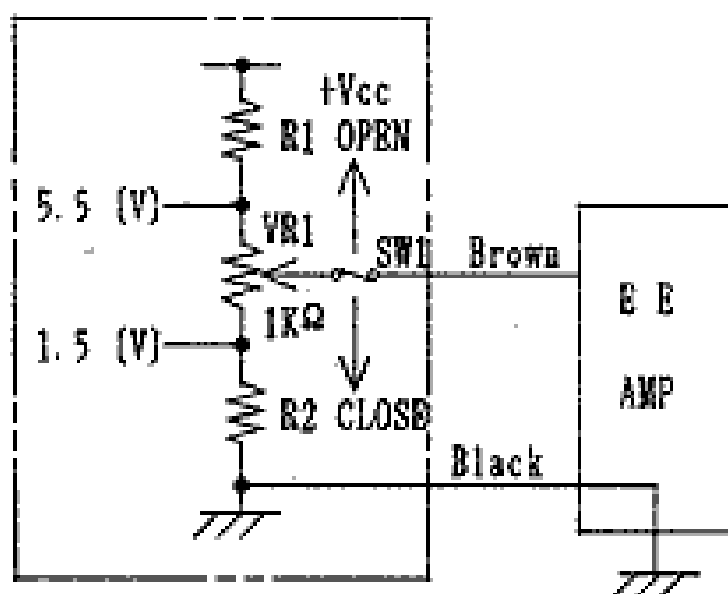
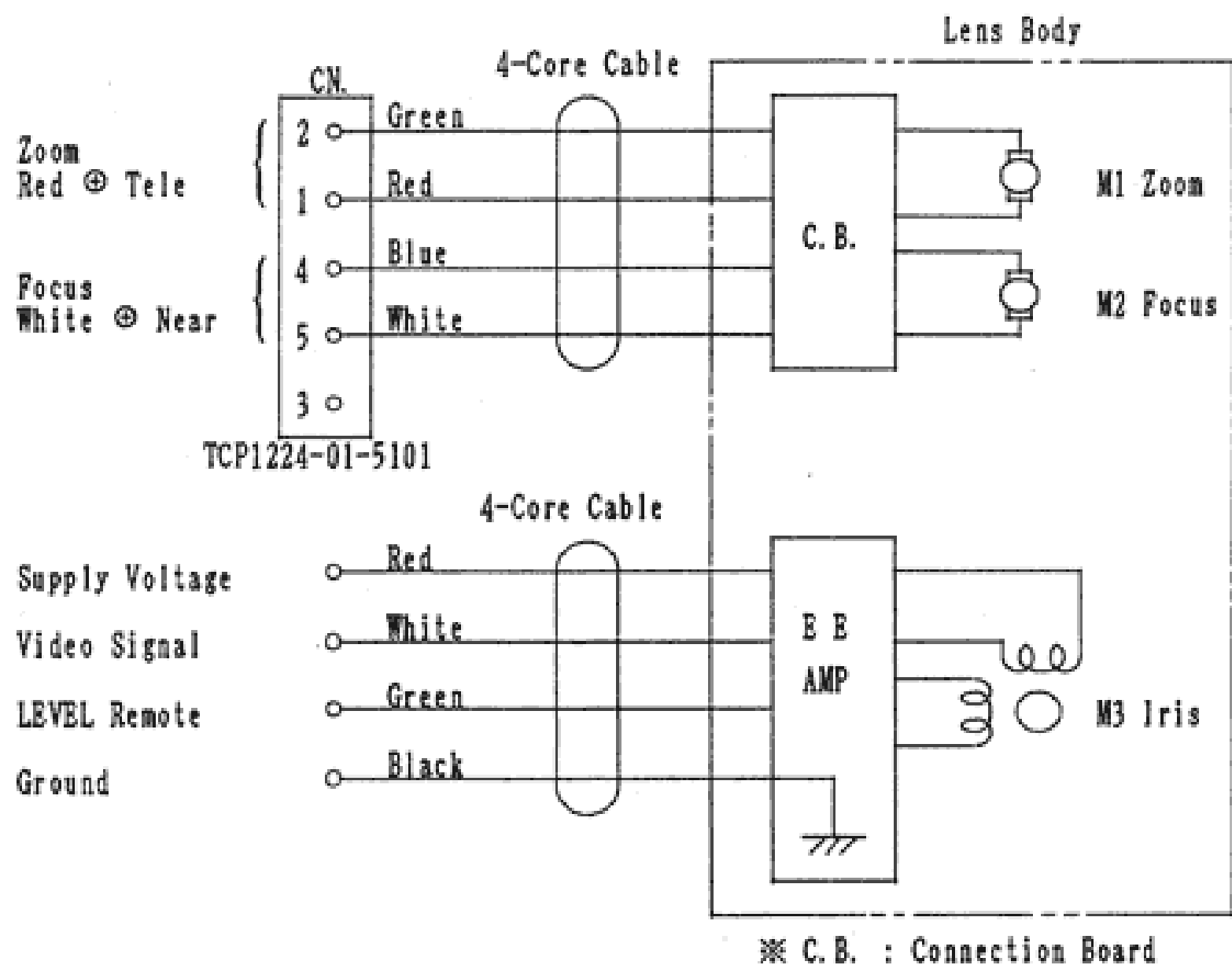
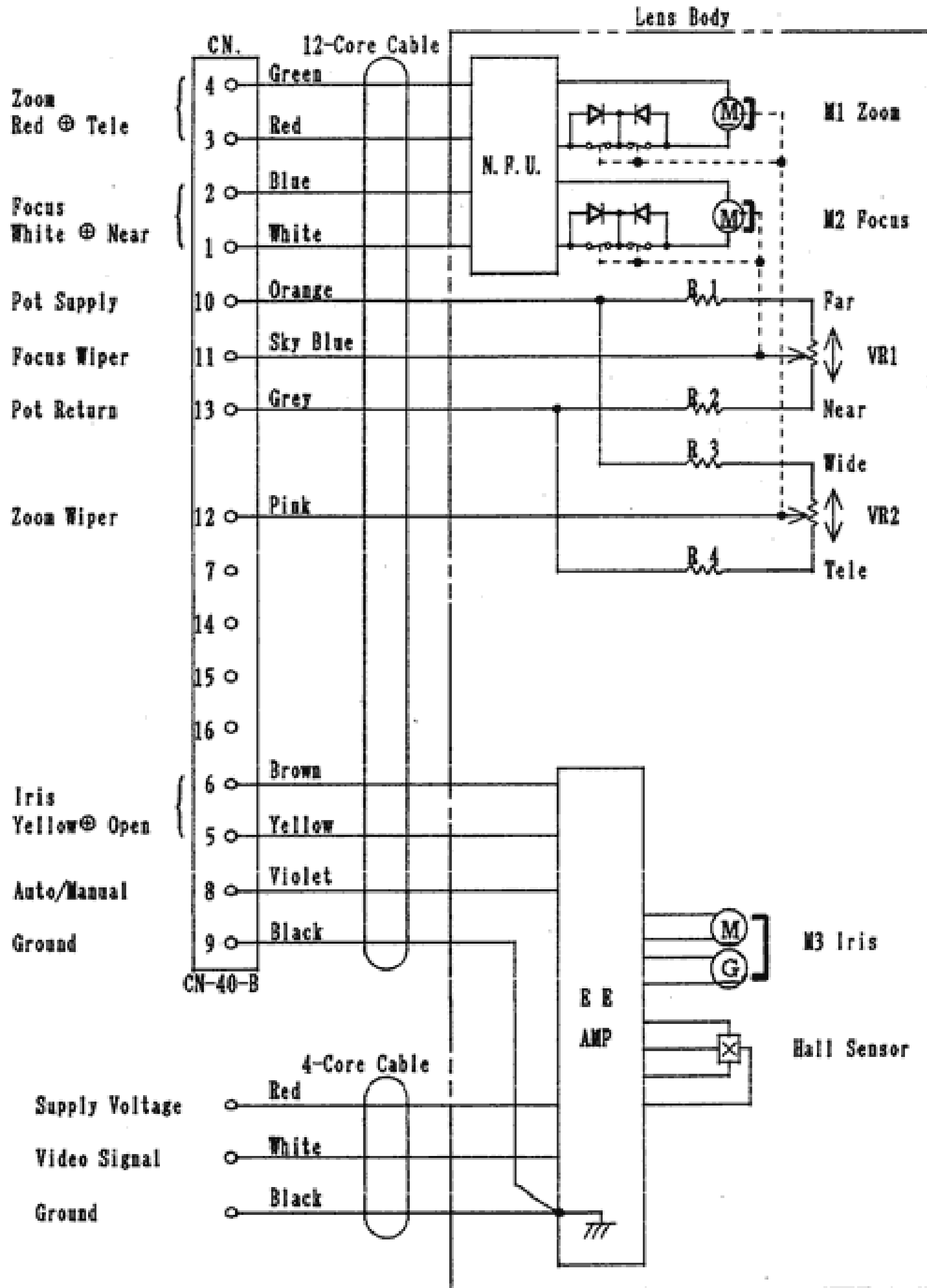


Figure A

SW1	Function
Open or Grounded	Auto
Closed	Manual-Remote

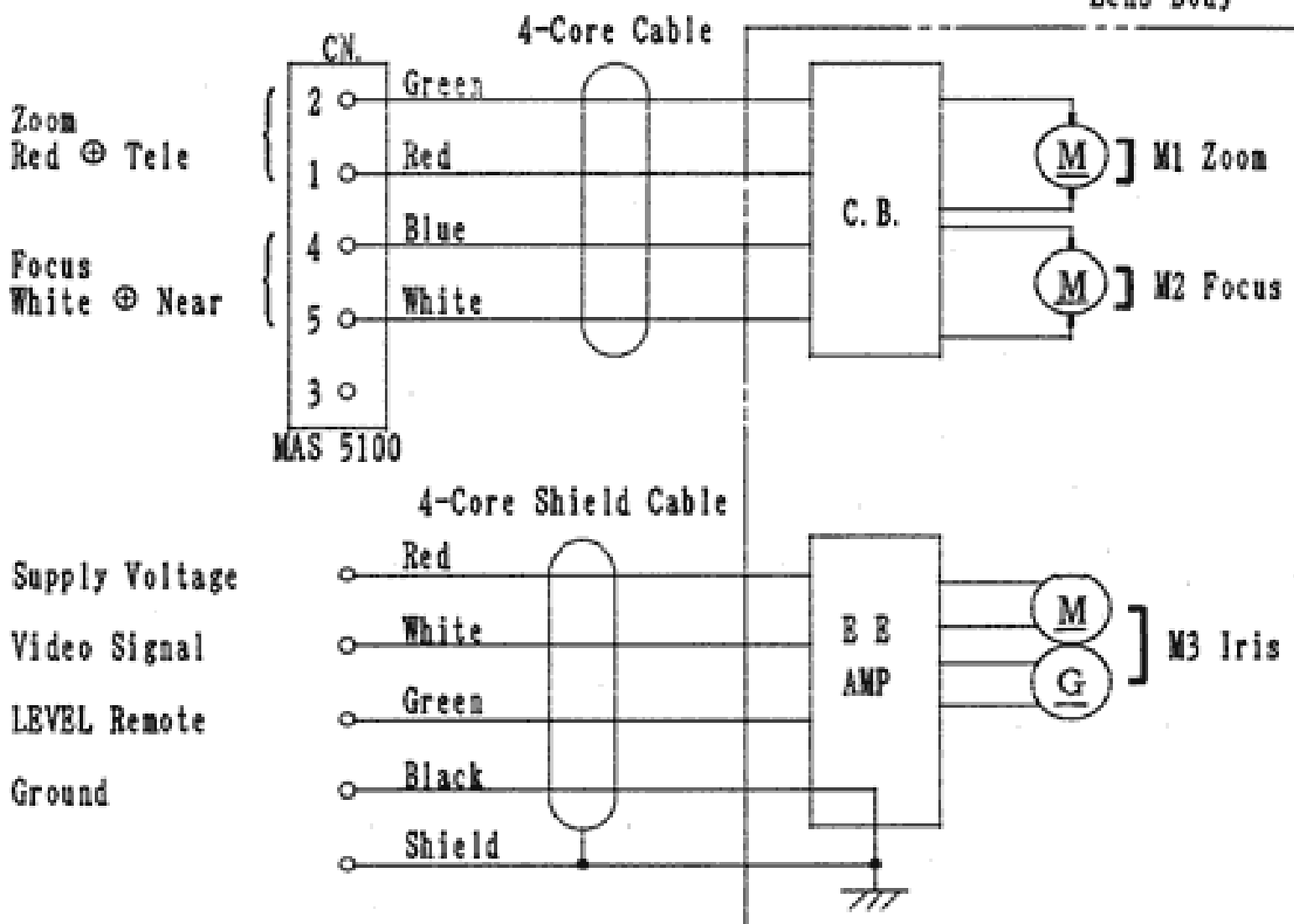
* Vcc represents Supply Voltage from Controller.



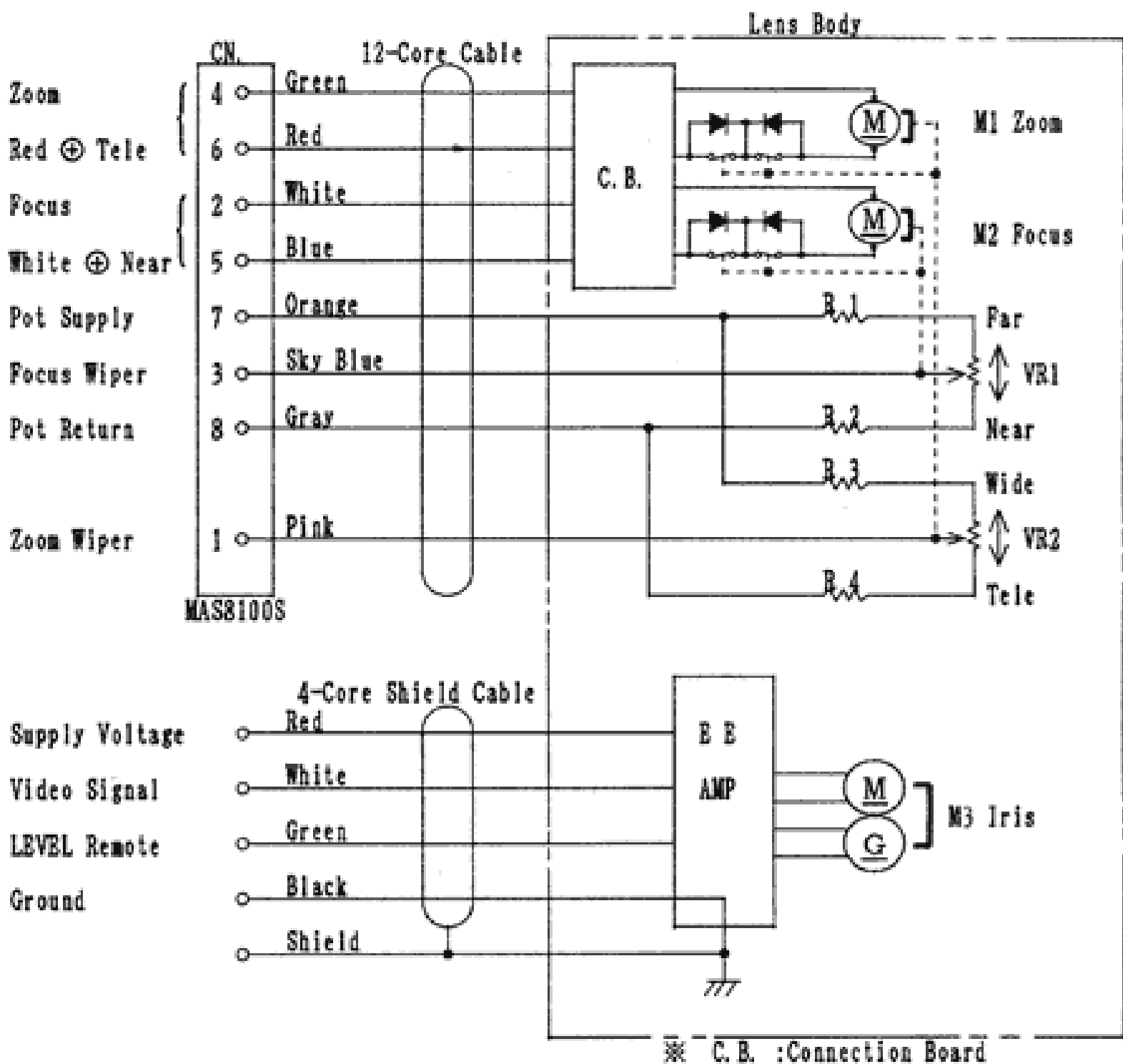


R1, R2, R3, R4	1K Ω	$\pm 1\%$	0.1W
VR1, VR2	5K Ω	$\pm 15\%$	0.2W

Lens Body

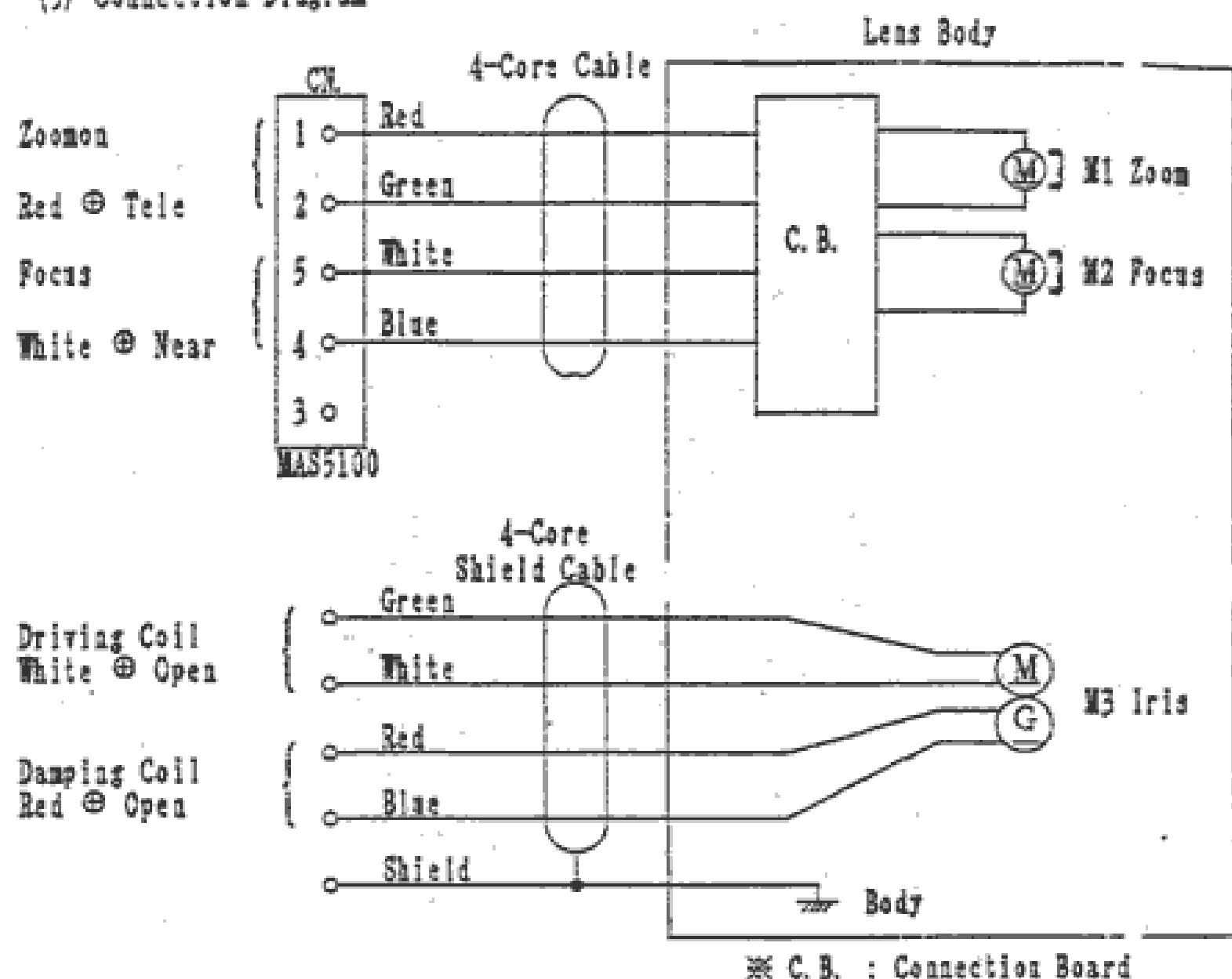


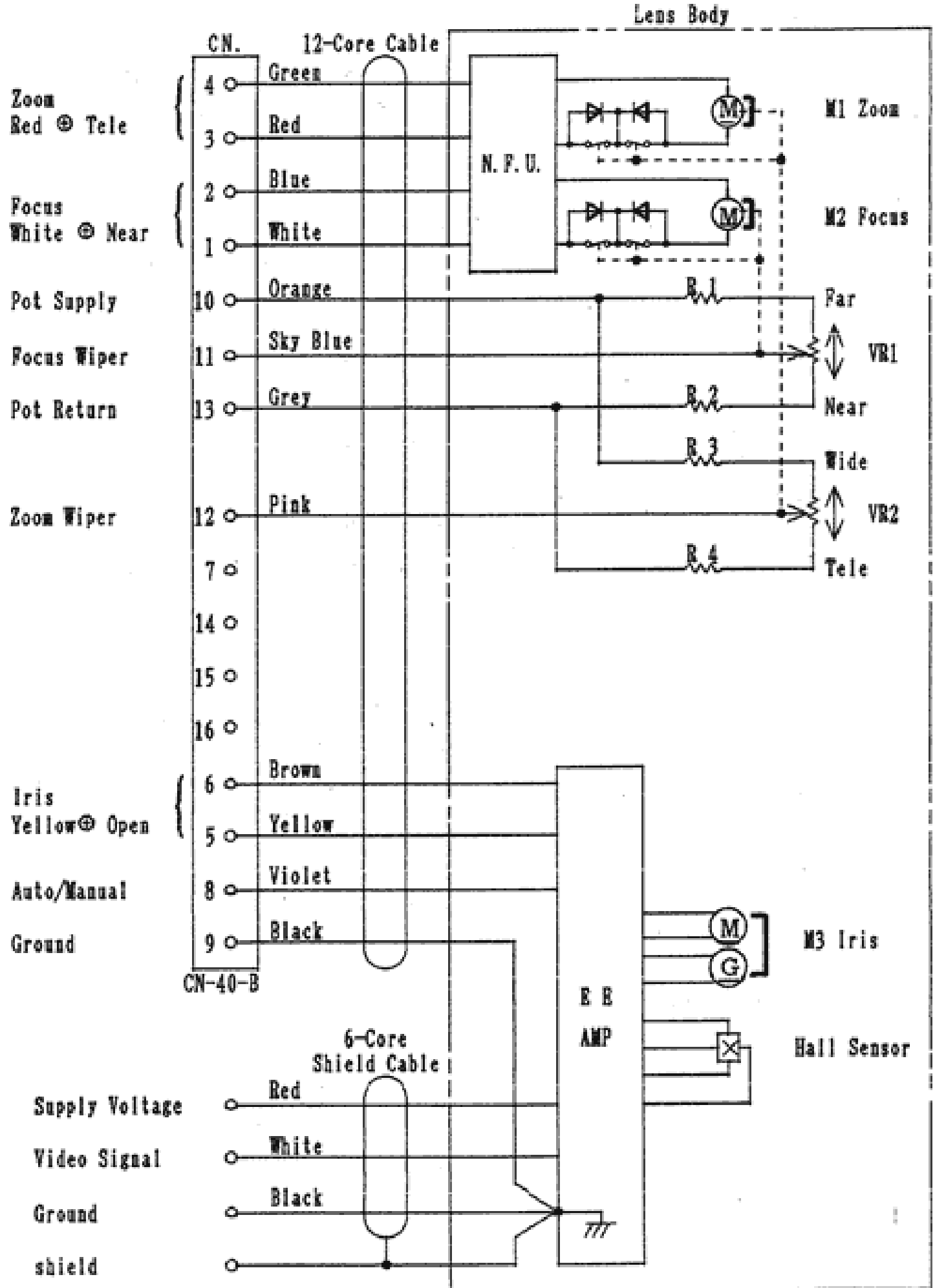
※ C. B. : Connection Board



R1, R2, R3, R4	1KΩ	± 1%	0.1W
VR1, VR2	5KΩ	±15%	0.2W

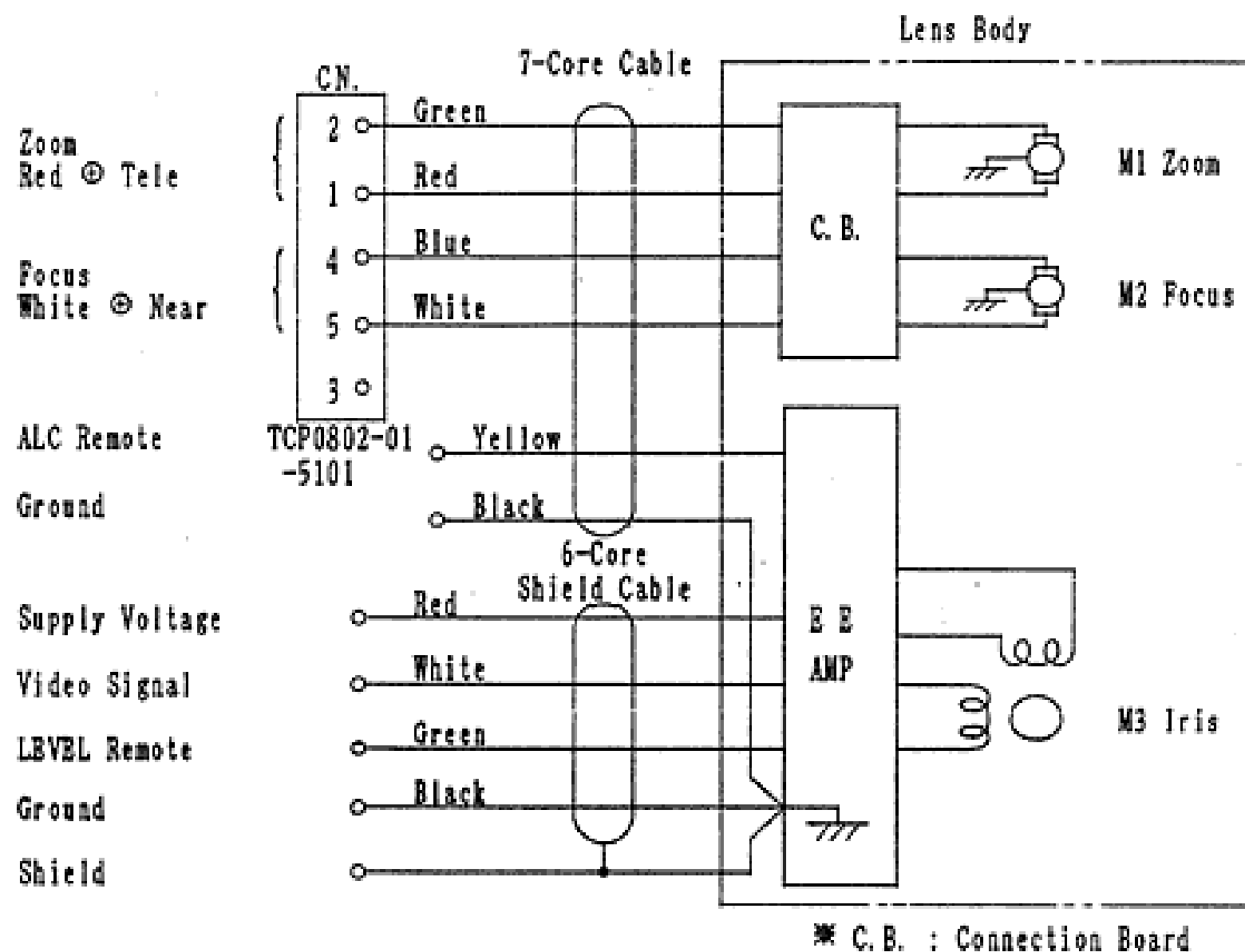
(3) Connection Diagram

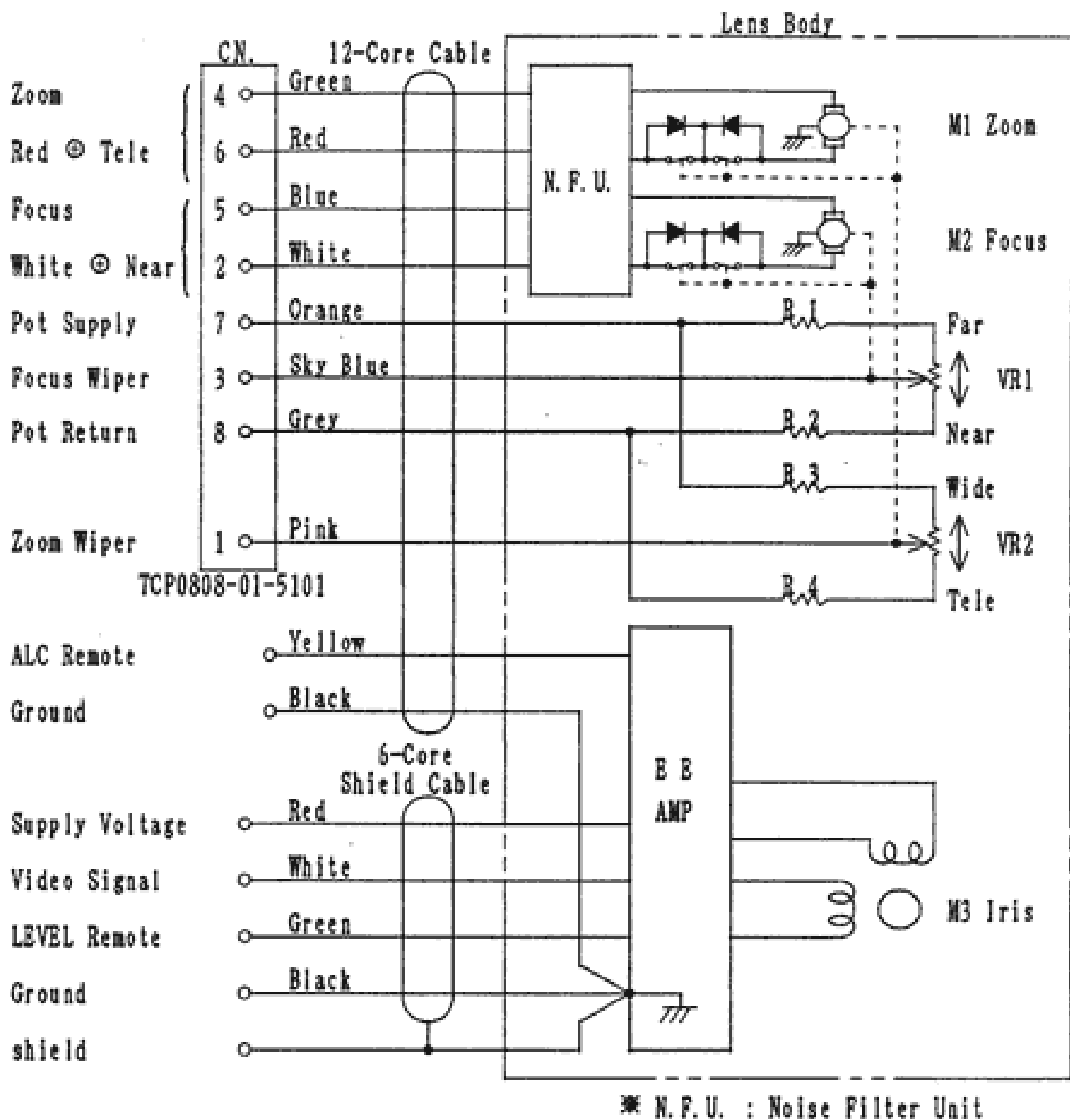




※ N.F.U. : Noise Filter Unit

R1, R2, R3, R4	1KΩ	±1%	0.1W
VR1, VR2	5KΩ	±15%	0.2W





R1, R2, R3, R4	1K Ω	$\pm 1\%$	0.25W
VR1, VR2	5k Ω	$\pm 15\%$	0.2W









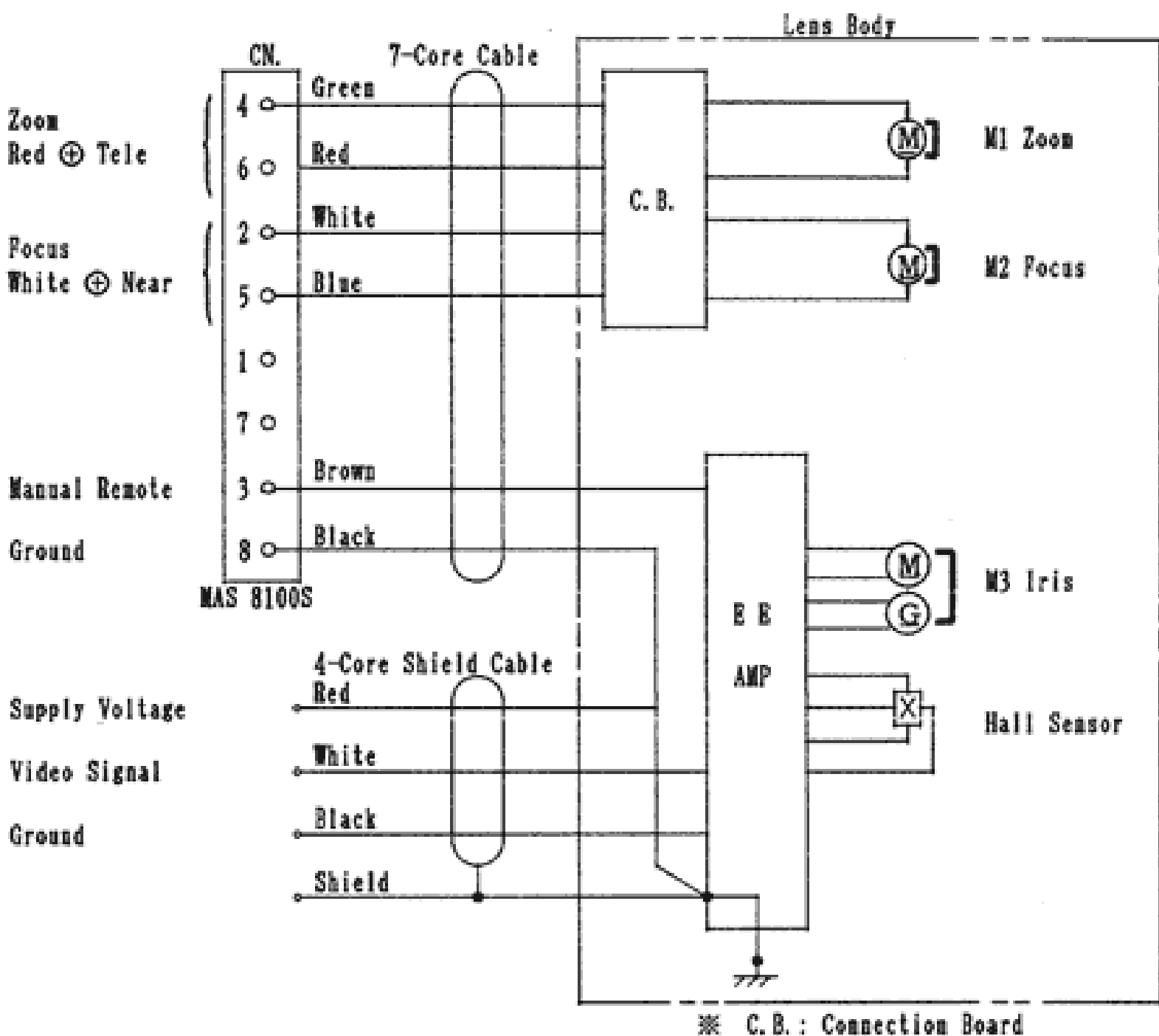
























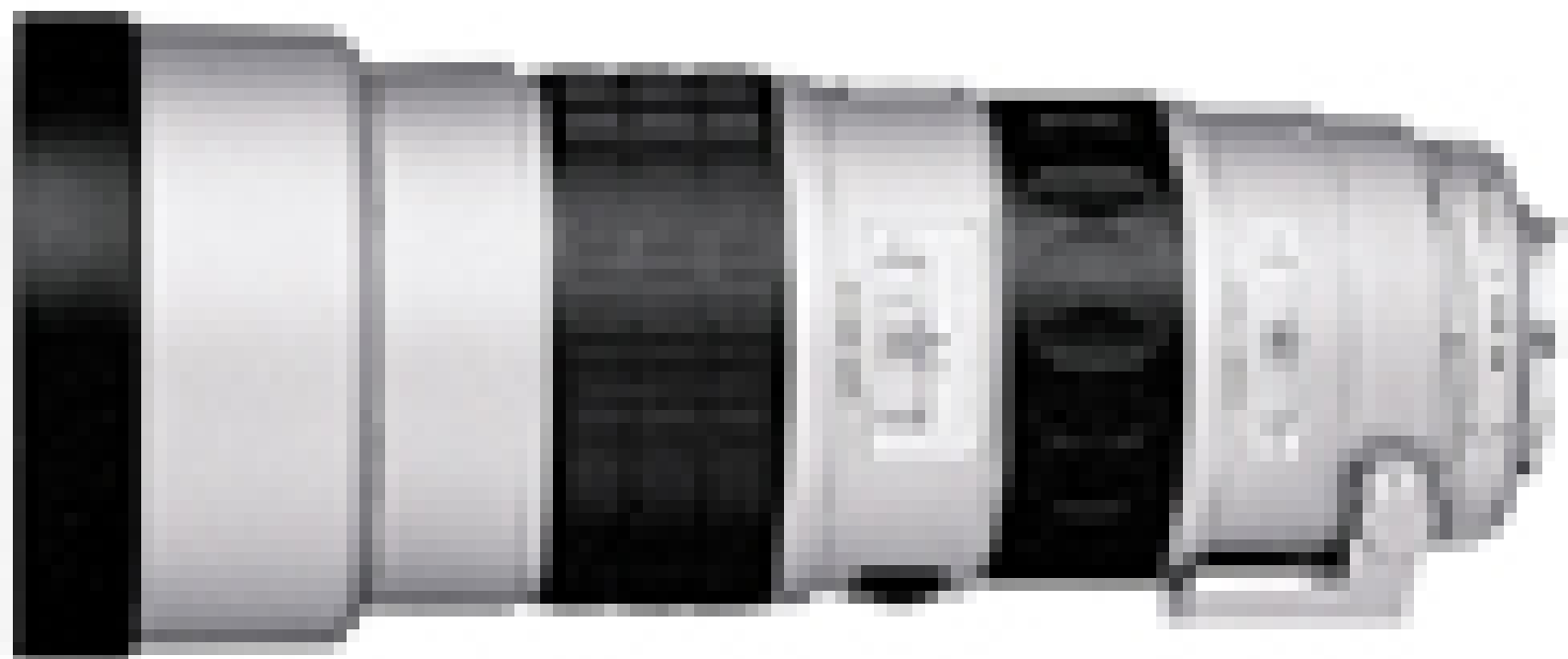


























HEUTAX MH-RA 49 mm

11
m

∞ 8 15 3 7

22 16 8 4 4.8 16 22

A- 22 16 11 8 5.6 4 2.8 1.8

3





∞ 7 2 1
ft m

PENTAX 20-35

35 28 21

A* 22 16 11 8 5.6 4



∞ 15 ft
5 m

$\frac{1}{7}$ $\frac{1}{28}$ |
PENTAX 17-28

28 24 20 17

A 22 16 11 8 5.6 3.5

③















PENTAX 28-105

m ∞ 15 0 5 3 2M
5 3 2 12 67 65

SMC PENTAX-ii
1:4-5.6 28-105mm -72-

A 22 16 11 8 5.6 4



PENTAX 28-200

ft 30 15 6.9
m 10 5 2.1

135 100 70 50 35 28

SMC PENTAX FA
1:3.8-5.6 28-200mm -R

A 22 16 11 8 5.6 3.8

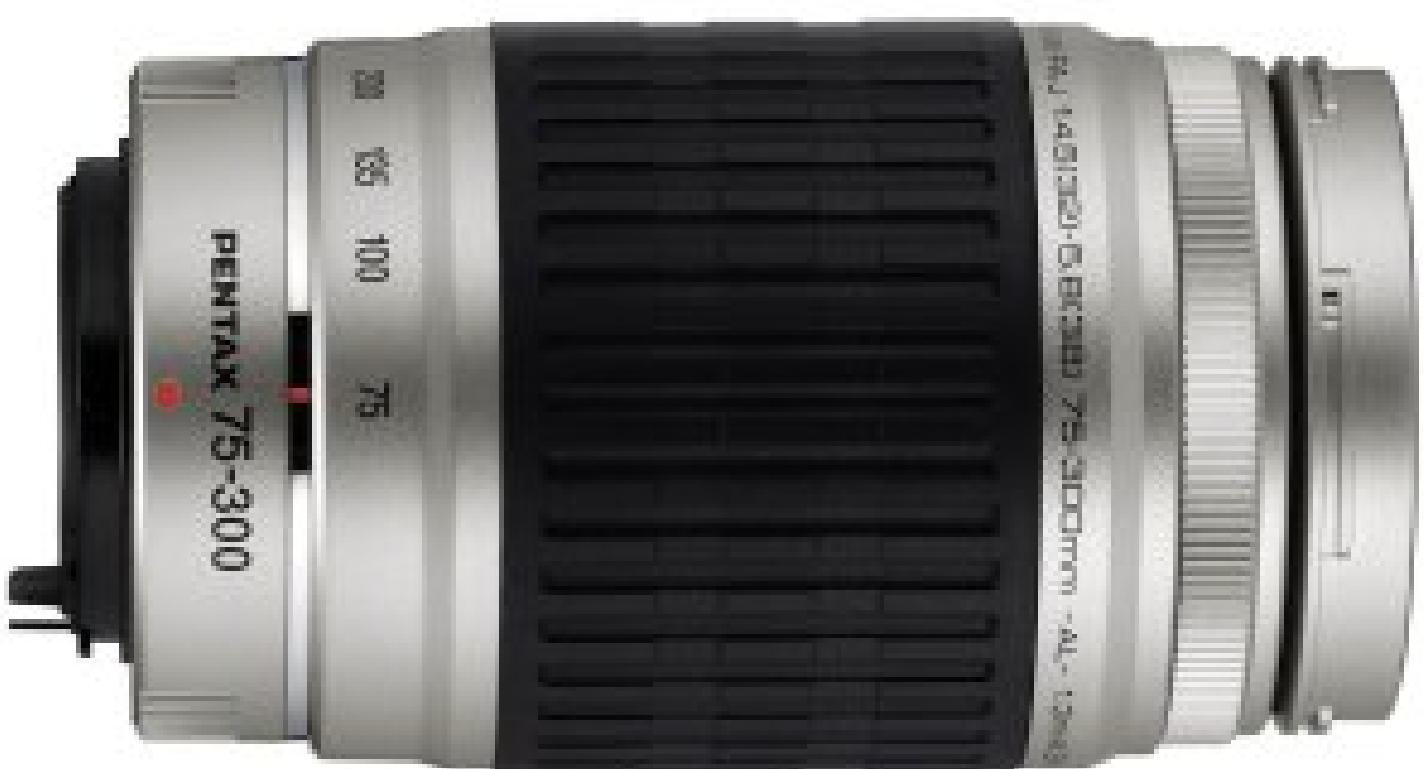
ft ∞ 15 5 3 2.5 1
m ∞ 5 2 1 0.8 0.6

$\frac{1}{35-80}$

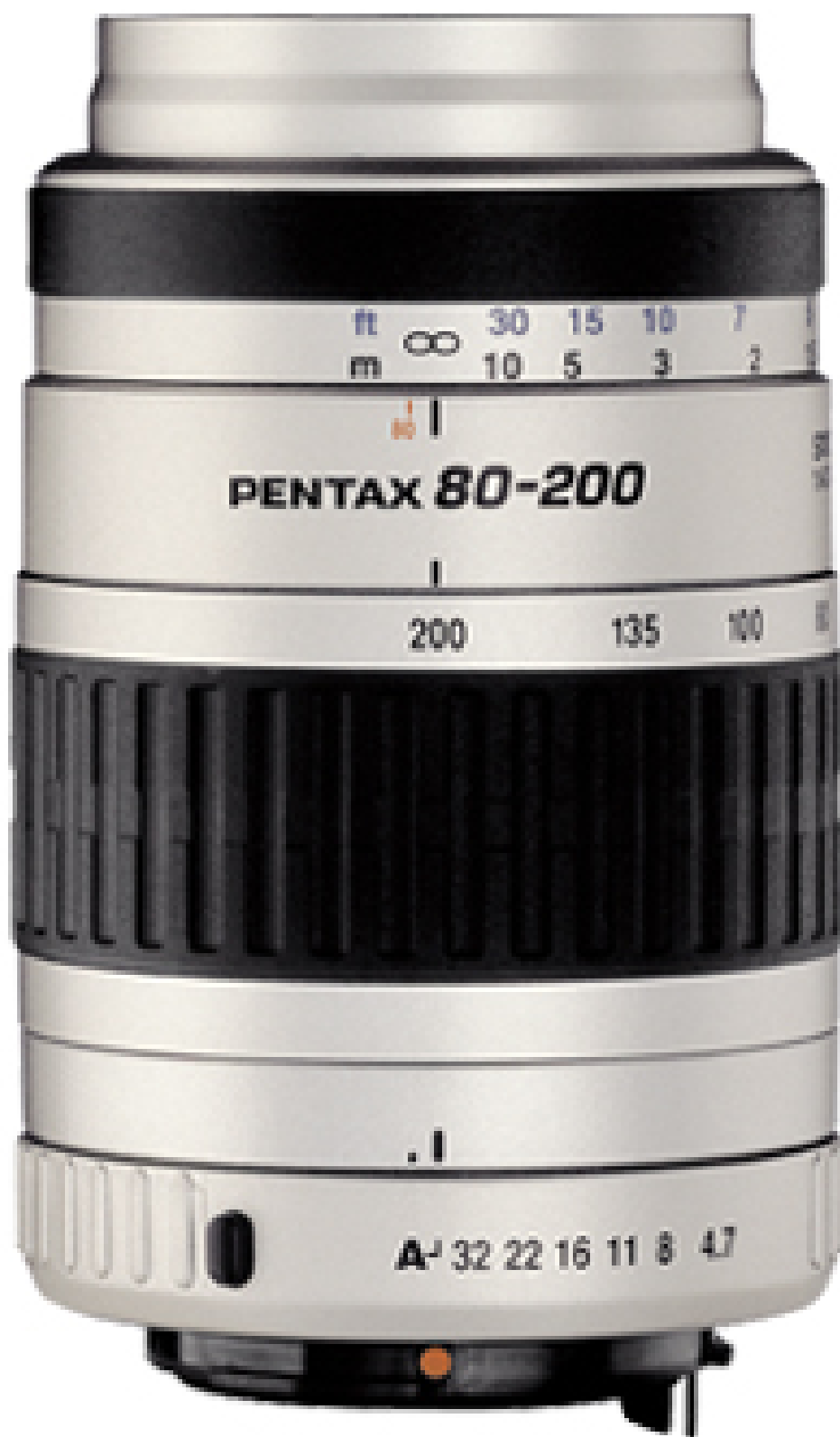
PENTAX 35-80

80 50 35

A 22 16 11 8 5.6 4









∞ 50 15 11
PENTAX 80-320

200 100 50

A* 32 22 16 11 8-4.5









∞ 15
5 2 m

$f/3.5-6.3$

PENTAX 35-80

80

50

35

A 22 16 11 8 5.6 4



SMC PENTAX-A

1:3.5 15mm

SKYLIGHT

L39C010 0560120

ft m
∞ 7 3 2 1.5 12 1
2 1 0.6 0.4 0

22 16 11 8 5.6 4 2.8 2 1.4 1.2 1.1 1

A-22 16 11 8 5.6 3.5













PENTAX-A FISH-EYE 1:2.8

Y48(Y2) SKYLIGHT

058(02)

ft ∞ 3 1.5 1 0.8 0.7
m 1 0.5 0.3 0.25 0.2
22 16 8 4 4 8 16 22

A 22 16 11 8 5.6 4 2.8









50mm 2:1.1

Asahi Pentax SMC



ft 30 15 10 7 5 4
m 10 5 3 2 1.5 1

22 16 8 4 2.8 2.2 1.8 1.6 1.4 1.2 1.1

A 22 16 11 8 5.6 4 2.8 2 1.8 1.6 1.4 1.2 1.1





∞ 15 8
10 3 2

ft
m

PENTAX 50

A-22 16 11 8 5.6 4 2.8 2.1



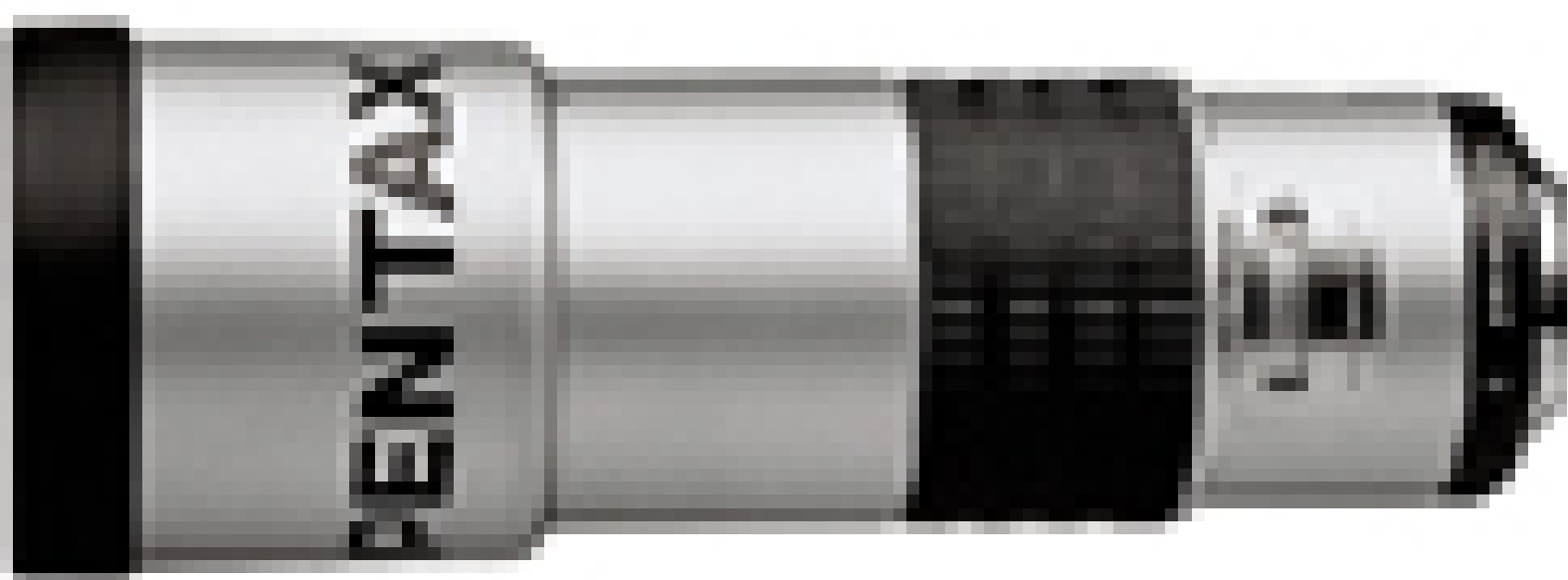
























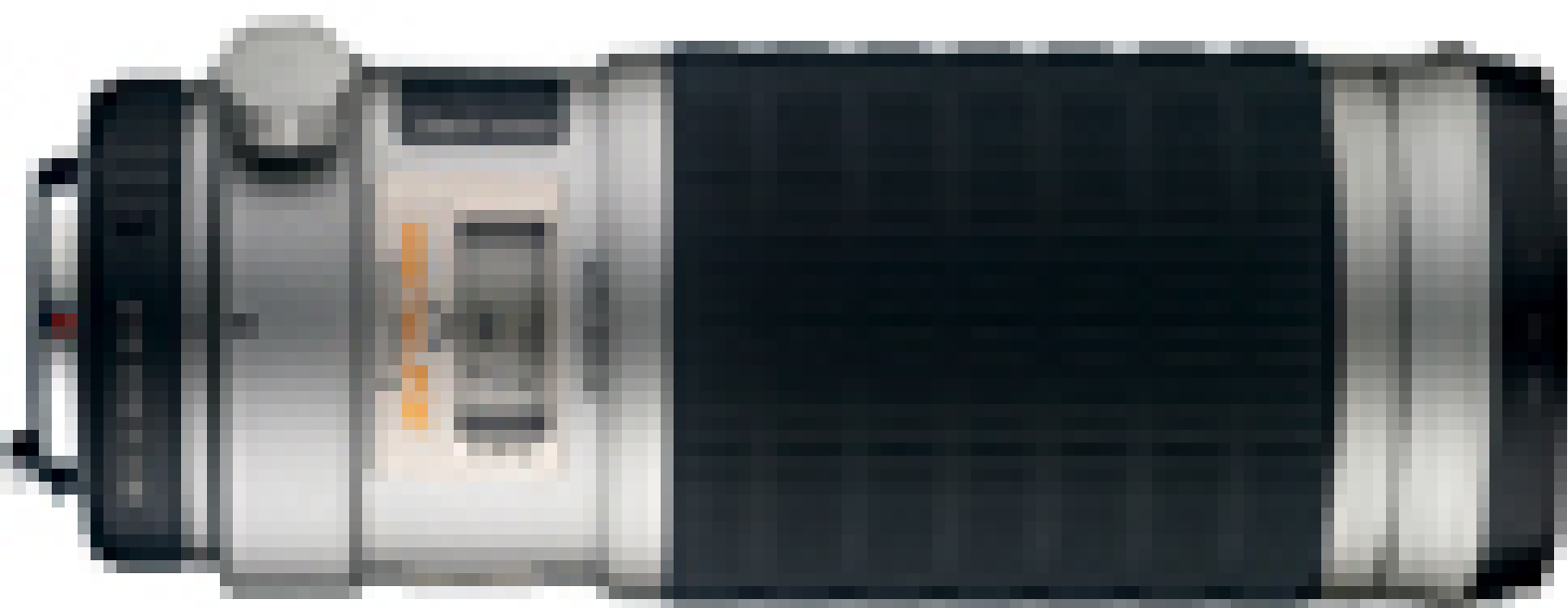




















PENTAX 100
MACRO























SMC PENTAX-A 645 1:2.8 55mm

ft ∞ 15 7 2 1.5 4 3 2
m 5

22 16 84 48 18 22

⊙ A 22 16 11 8 5.6 • 2.8



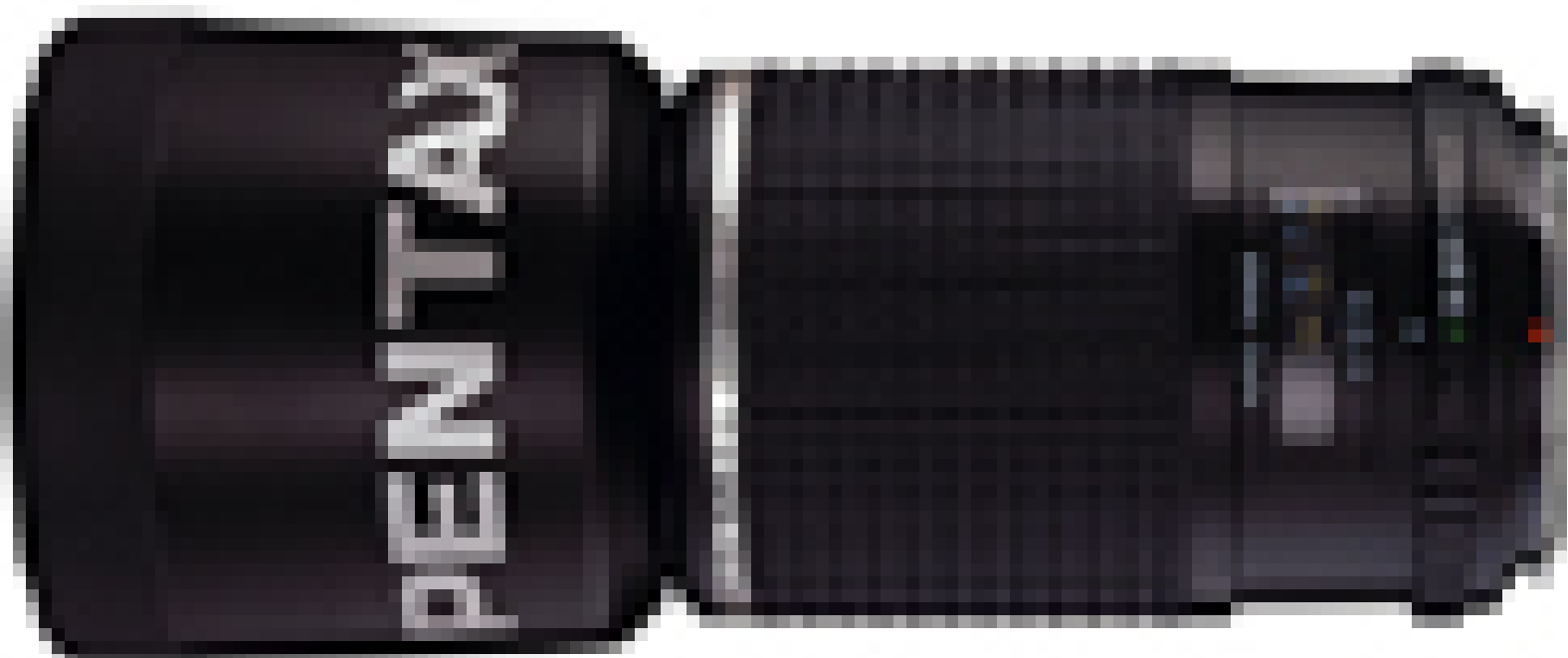


∞ 10 15 ft m

22 16 8 4 48 16 22

() A 22 16 11 8 5.6 • 2.8







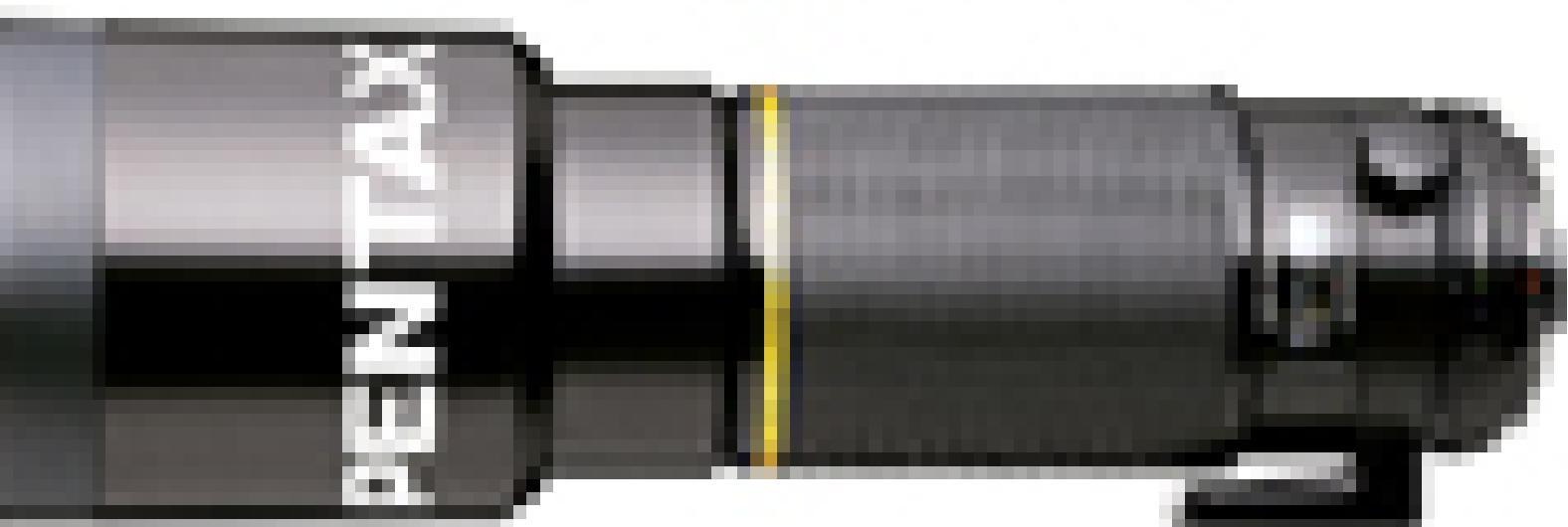
PENTAX 645 LS

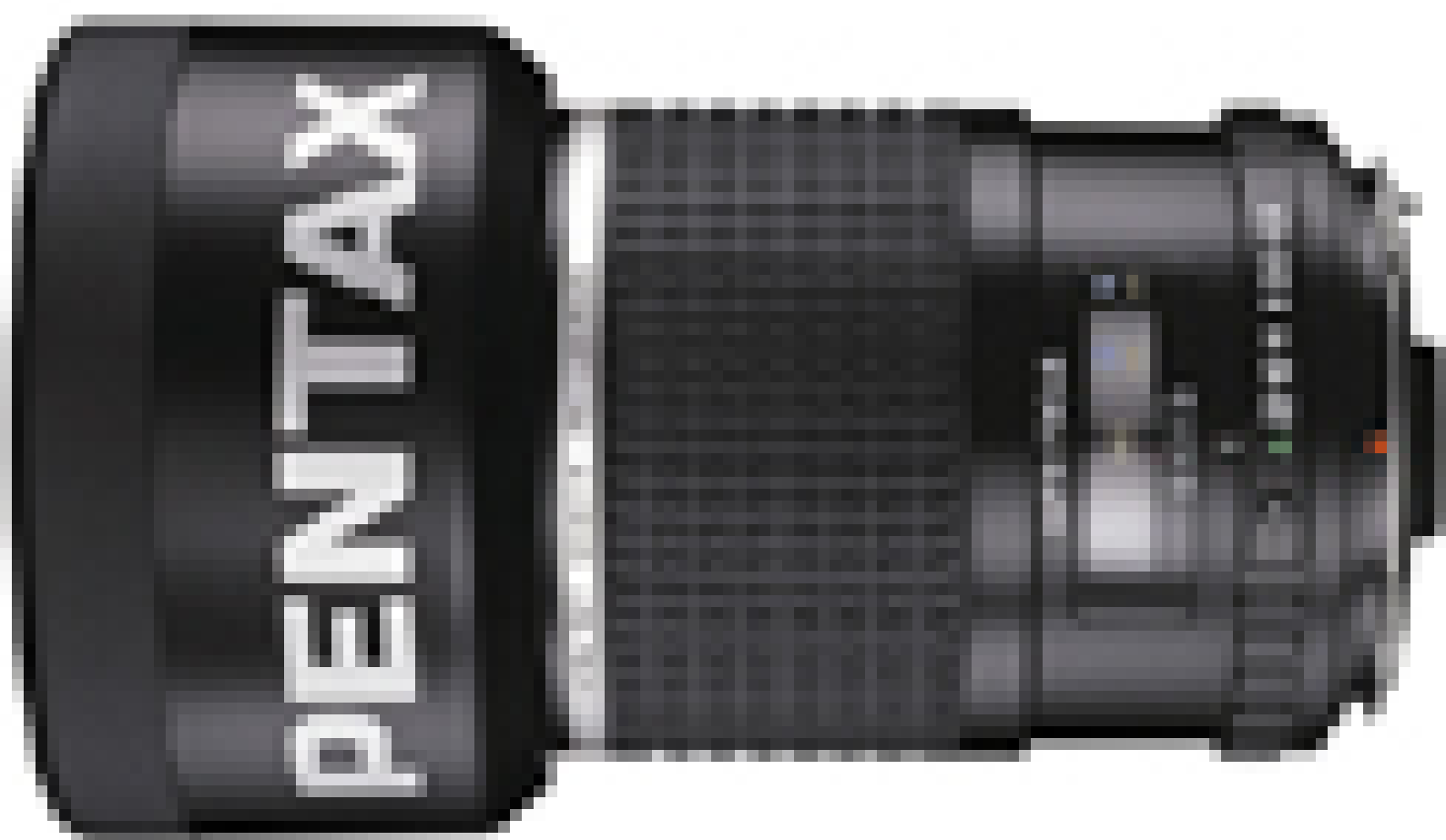
76.4 1:2.8mm

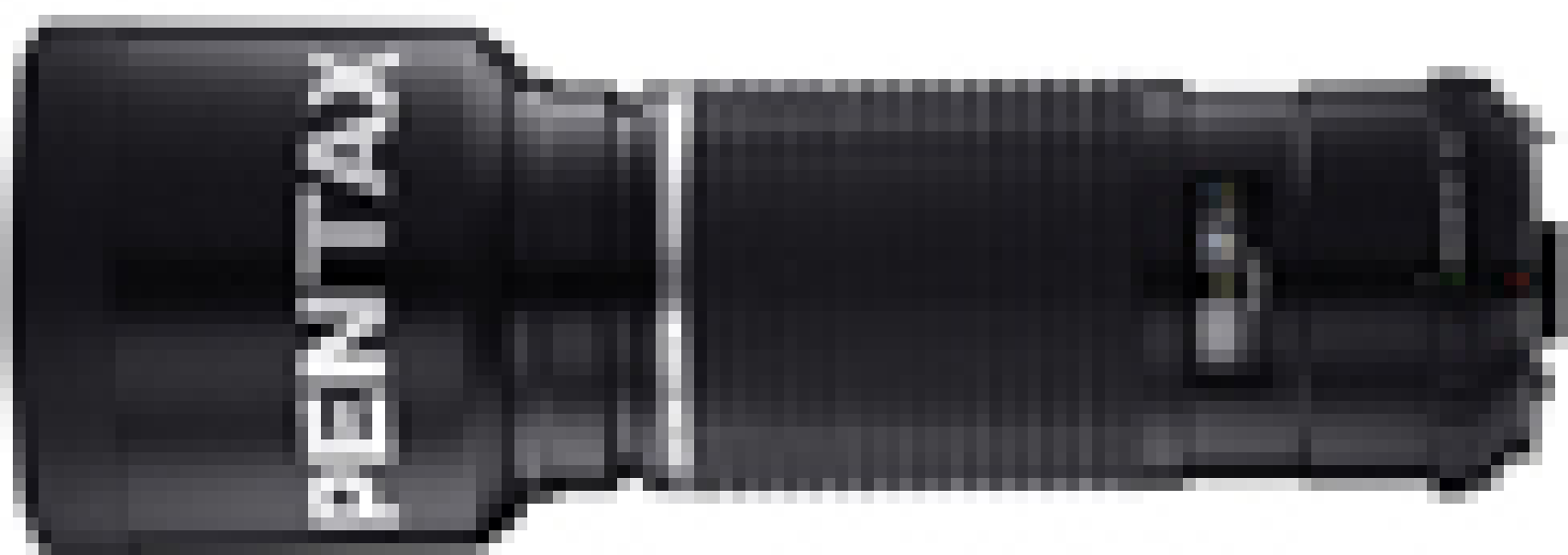
ft ∞ 50 20 4
m 15 7

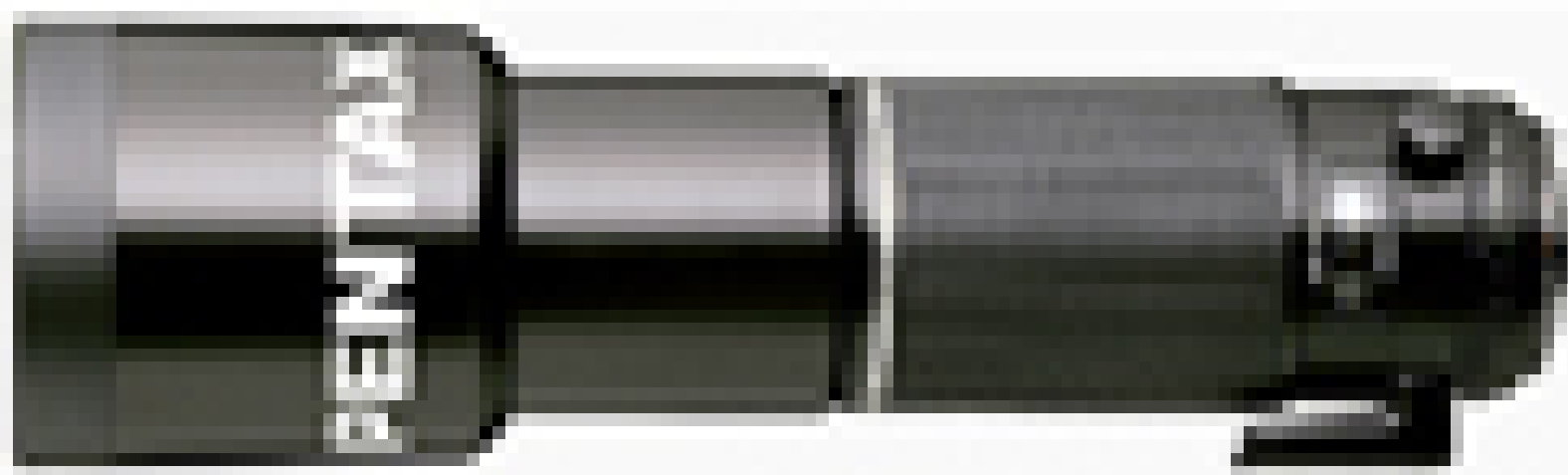
32 16 8 4 8 16 32

32 22 16 11 8 5.6 4







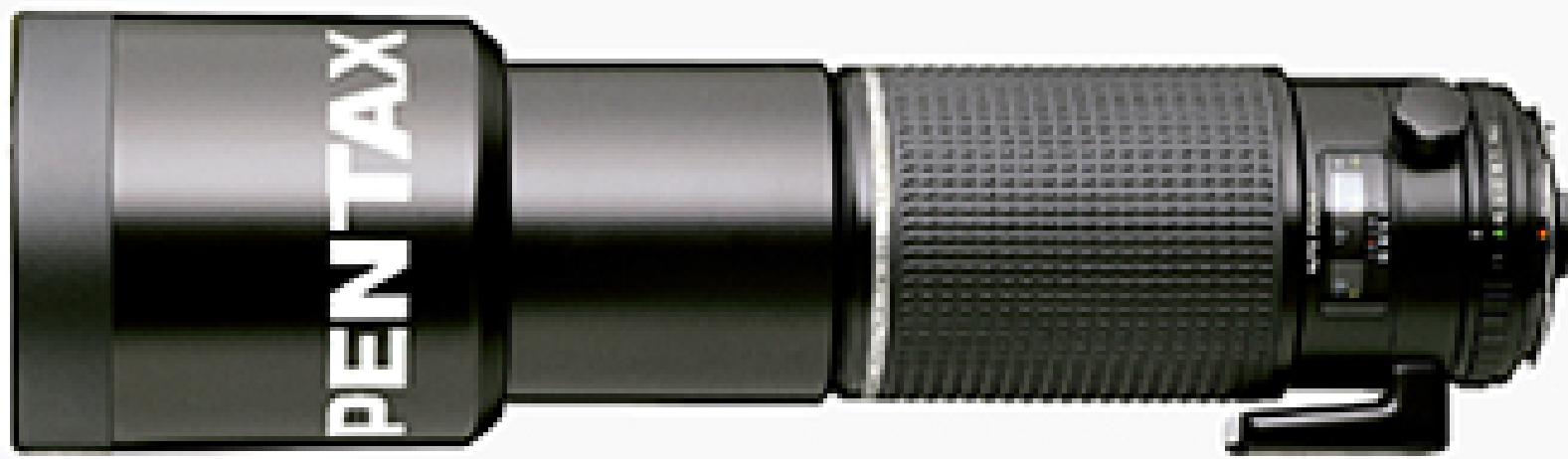




















PENTAX REAR CONVERTER-A 645 2X











SMC PENTAX 67 FISH-EYE 1:4.5 35mm

1:3.5 1:2.8

ft | m | 20 10 7 5 4
∞ 6 3 2 15 12 10
22 16 11 8 4.5 f/4.5 f/5.6 f/8 f/11 f/16

22 16 11 8 • 4.5



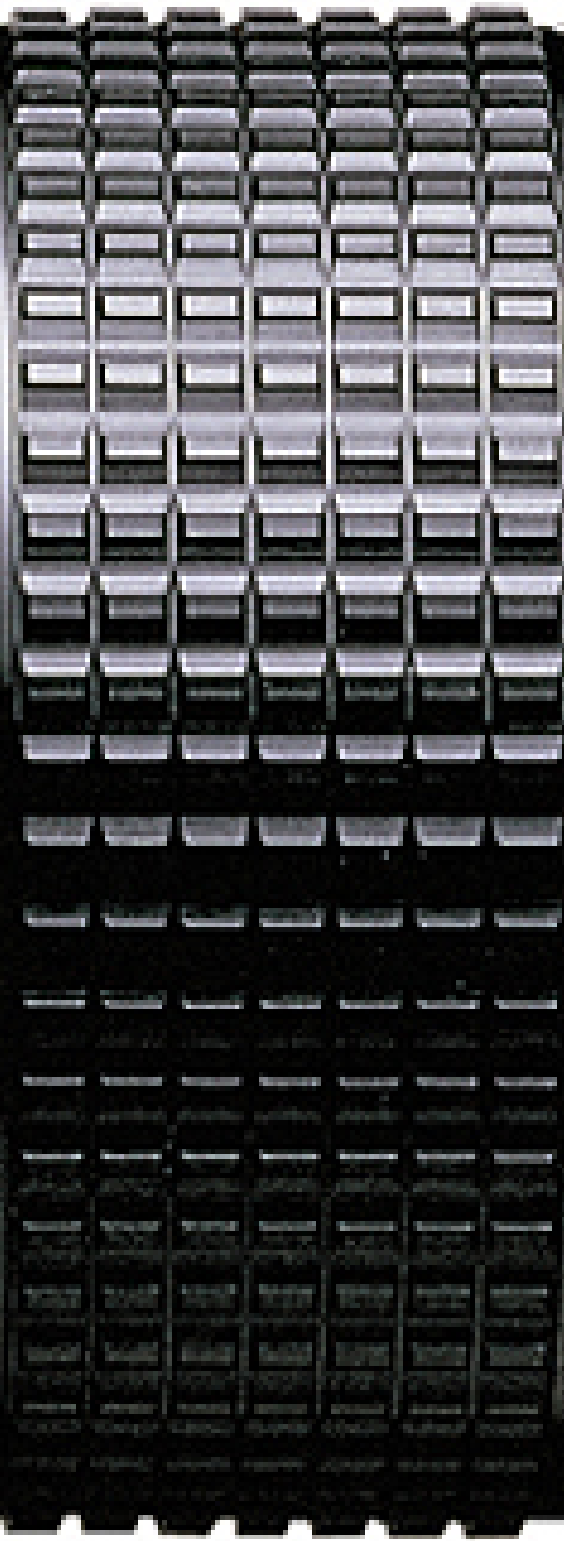








55mm 1:4 PENTAX 67



ft ∞ 10 5 3 1.5 1 0.7 0.5
m 22 16 8 8 16 22

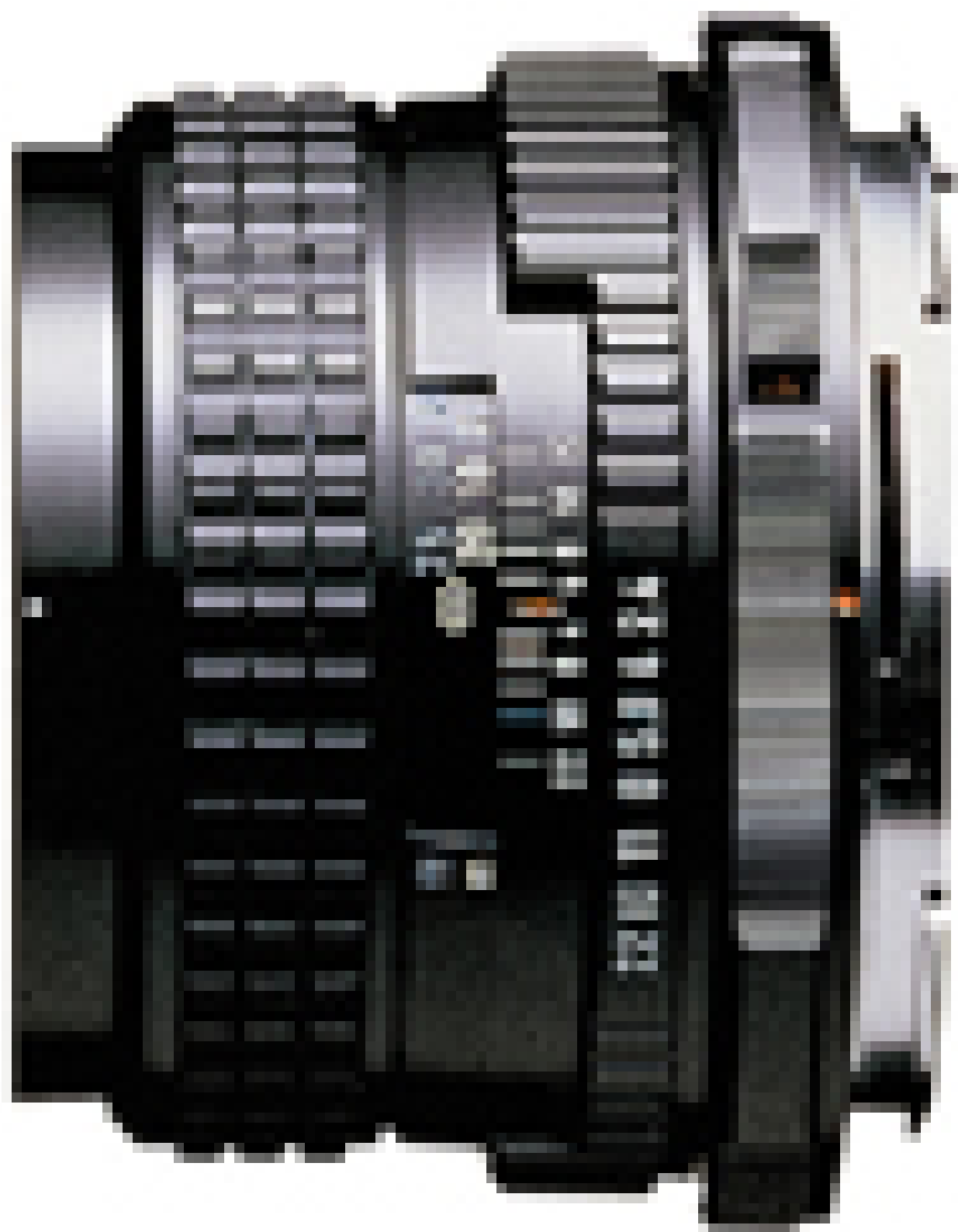
22 16 11 8 5.6 4











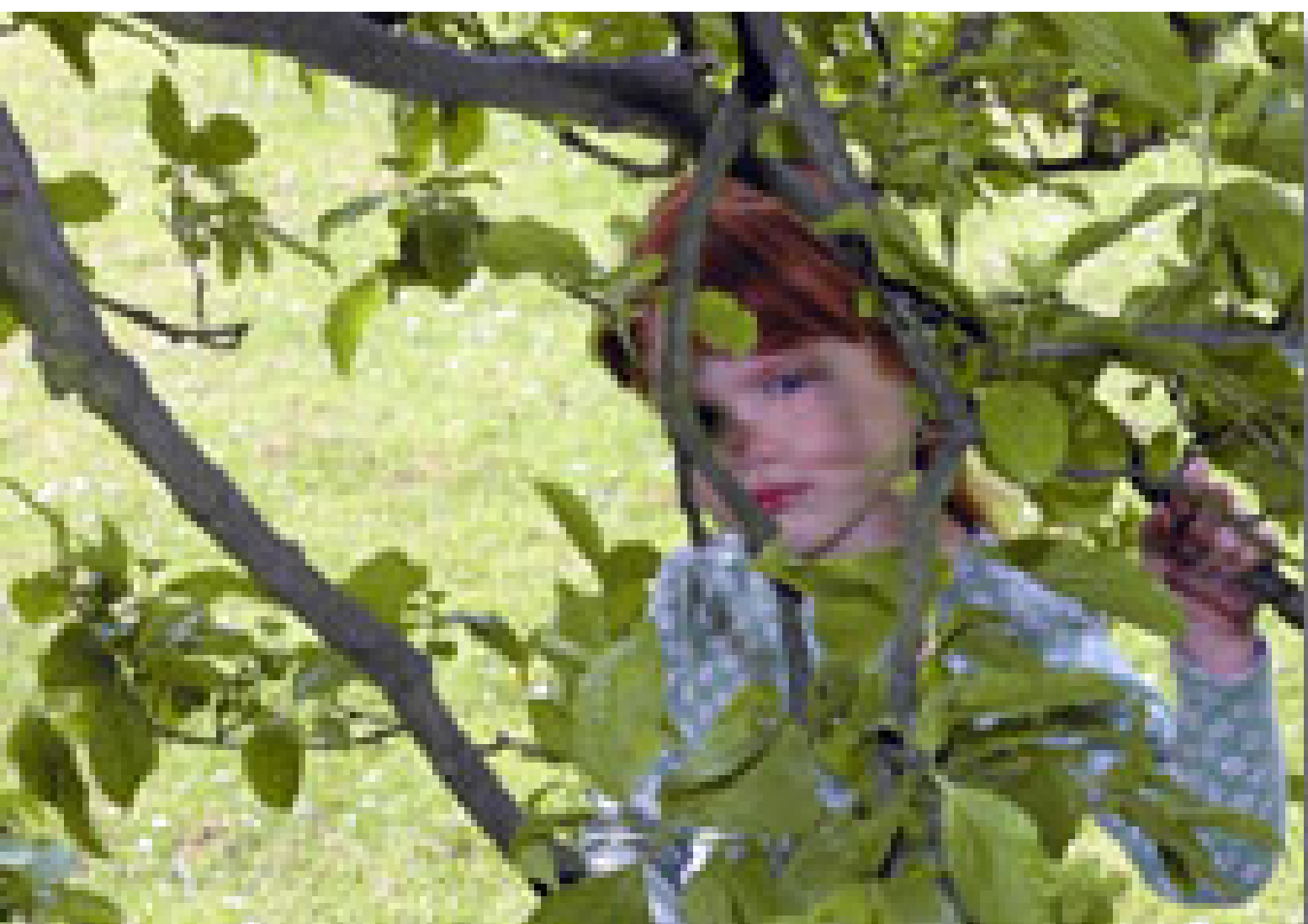






















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1st European Congress of Endocrine Medicine
with the Endocrinology

Chairman

Albert Serrano

General Secretary

Marseille

June, 10-11

2004

Palm Beach Concorde Hotel

































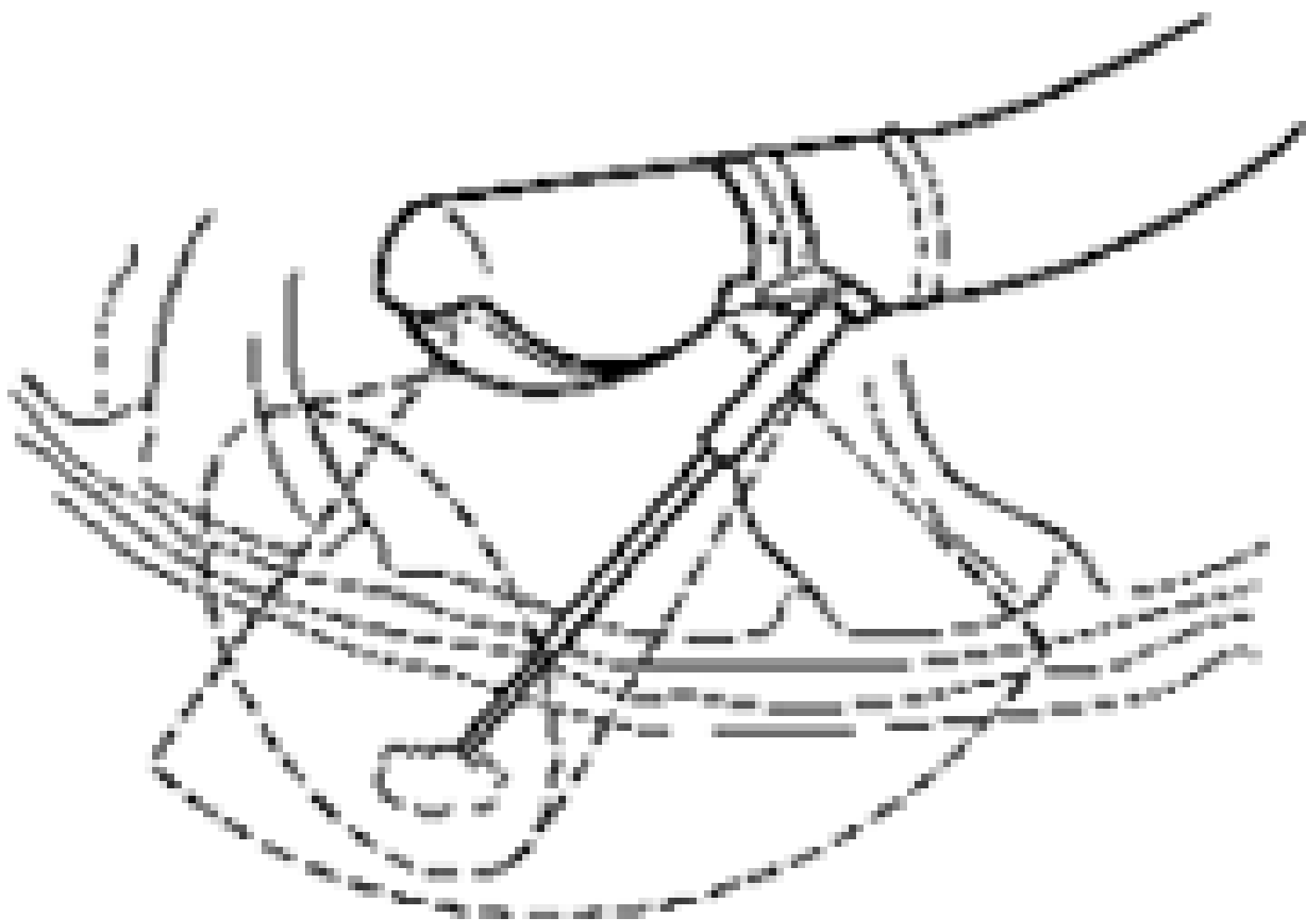








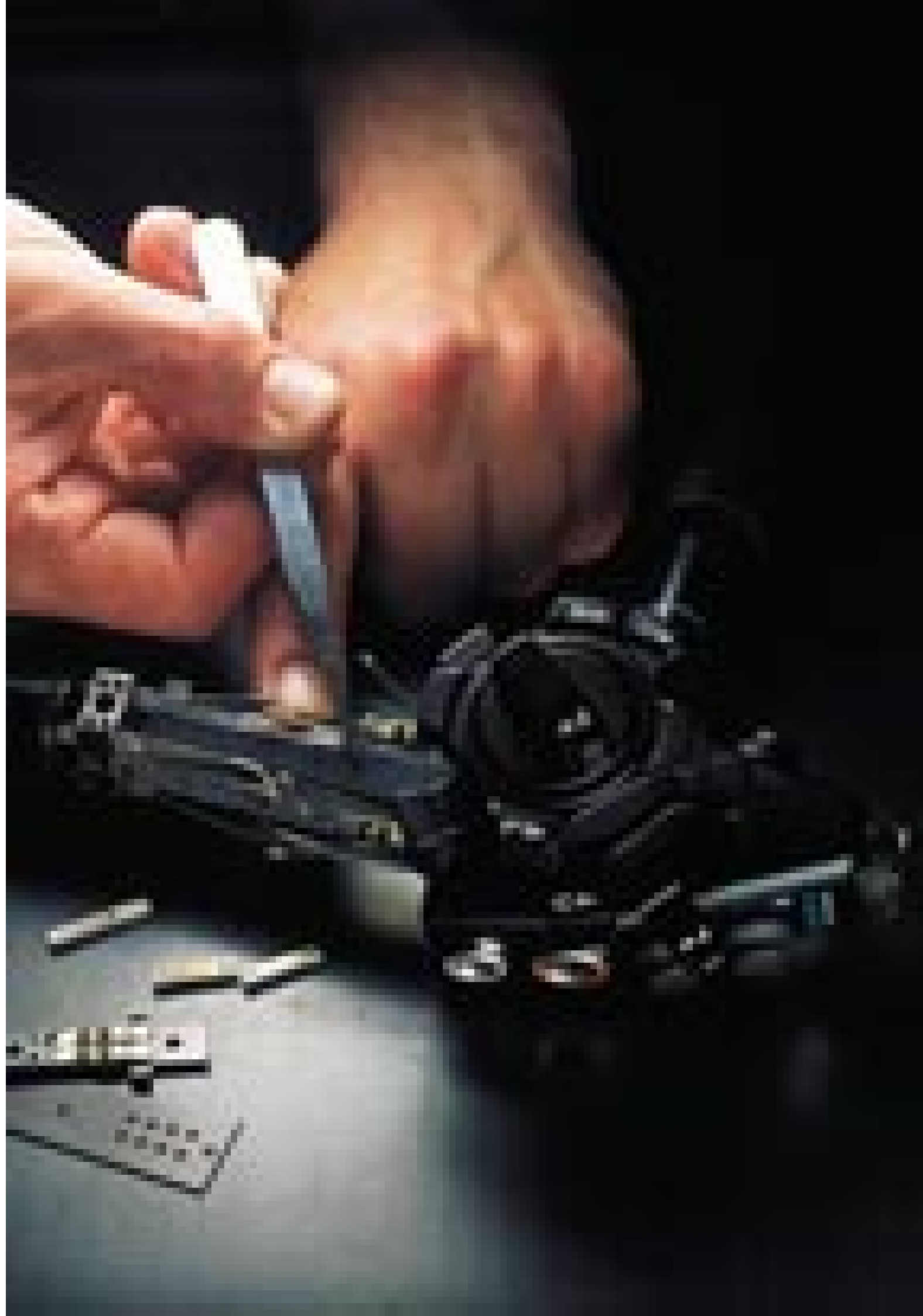














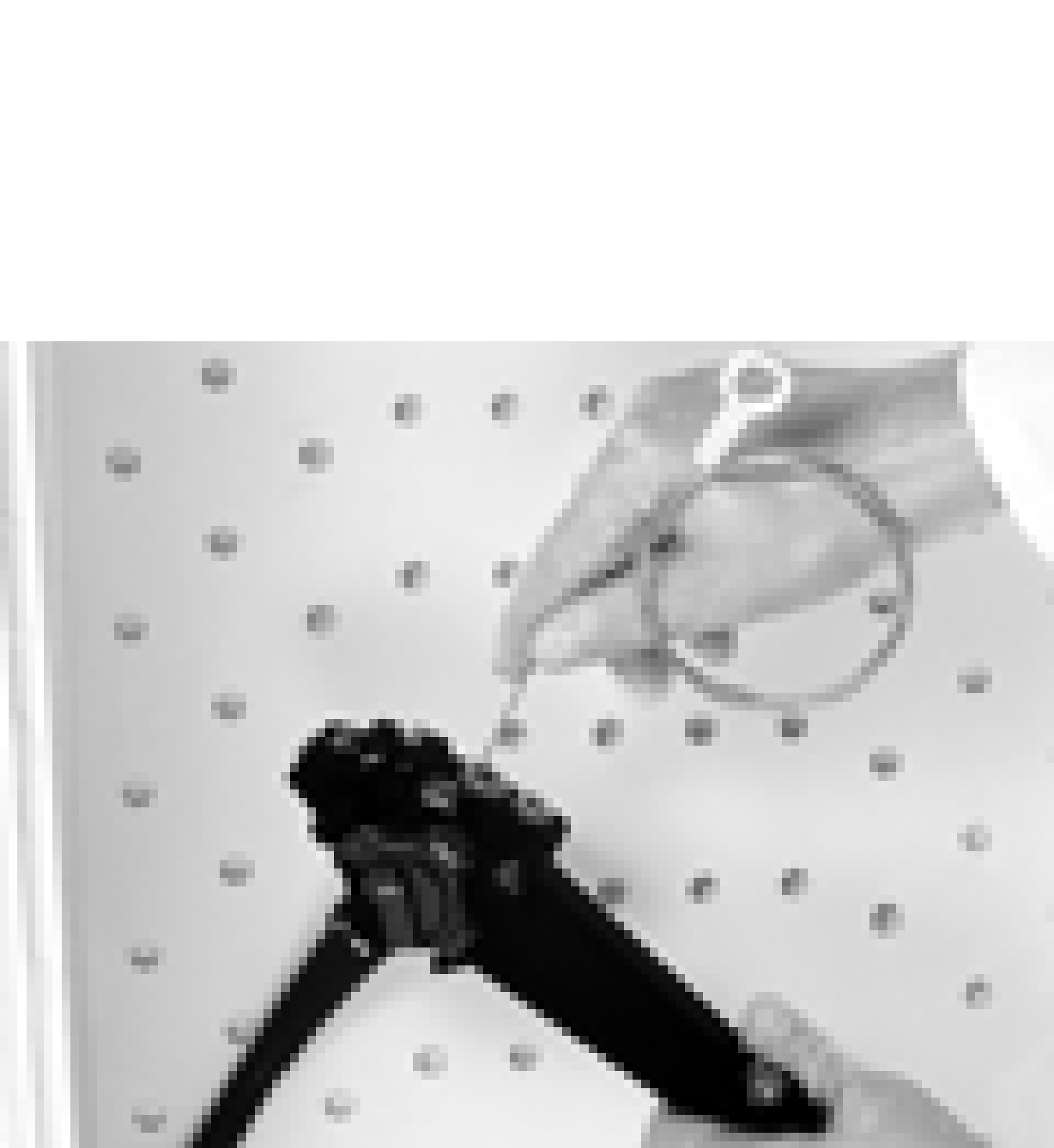












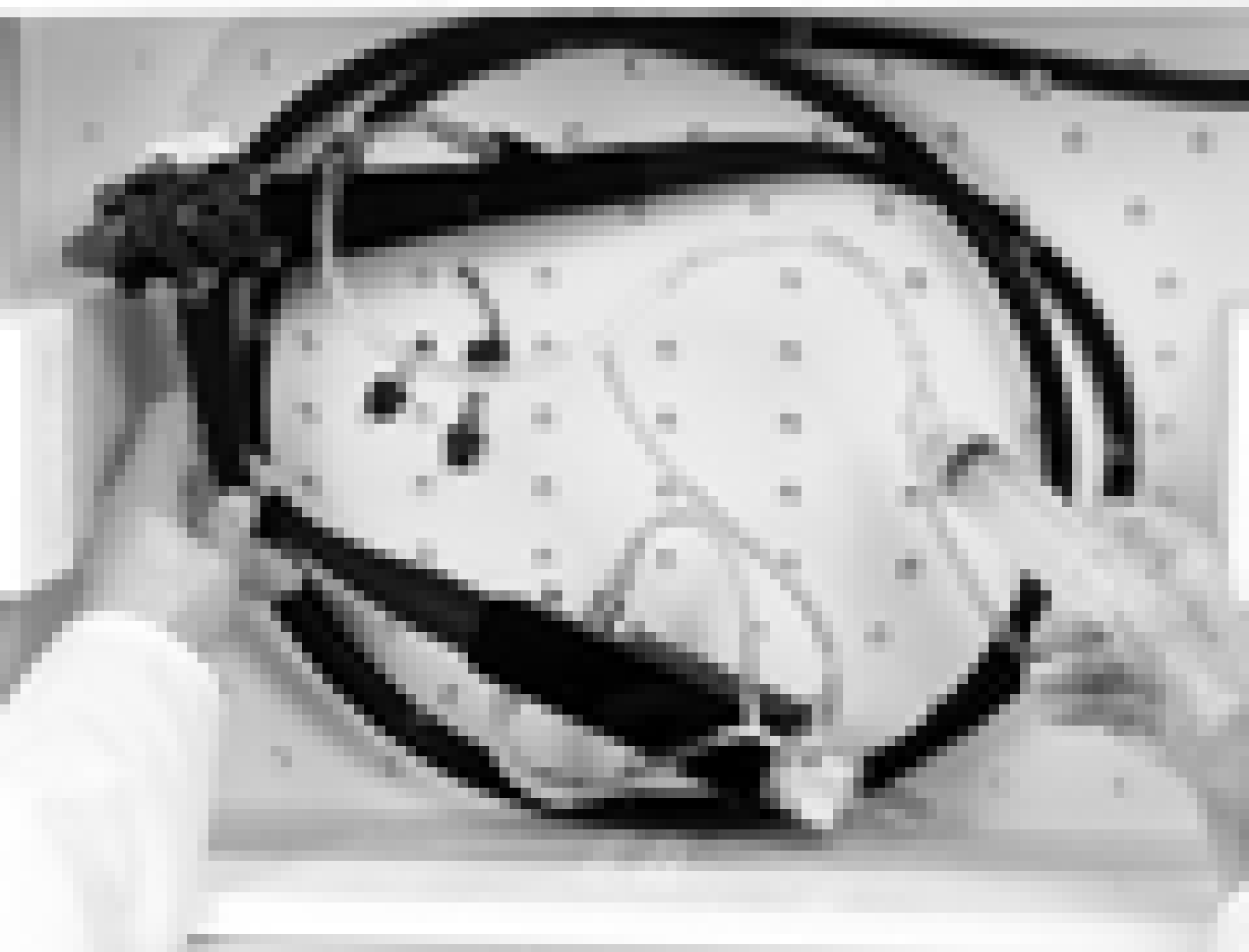




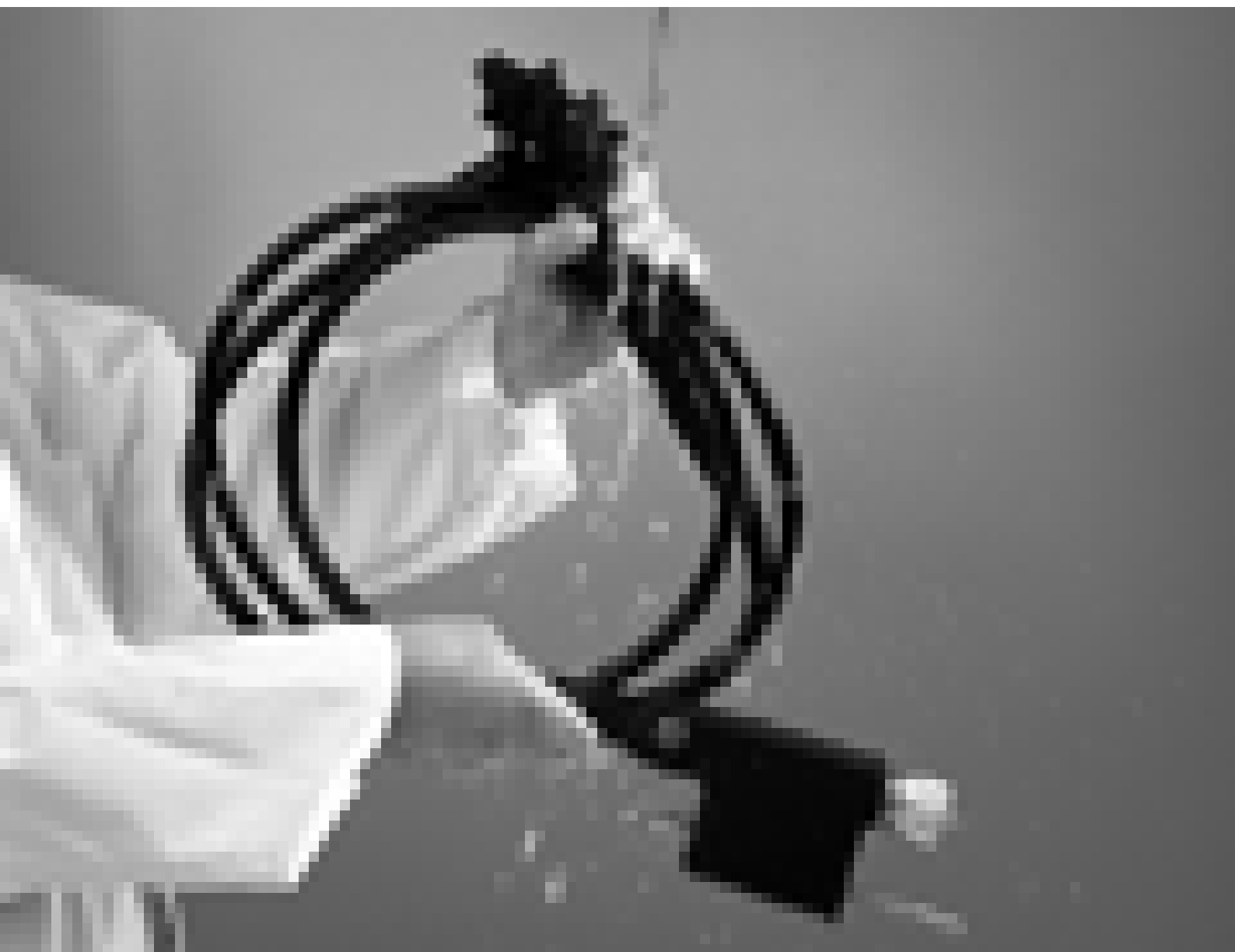




























HAMBURG

POTSDAM

DORTMUND

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BENSHEIM

MÜNCHEN

EURO•EUS 2004

2nd European Congress of Endoscopy-UltraSound
with Live Demonstrations

Chairmen

Marc Giovannini

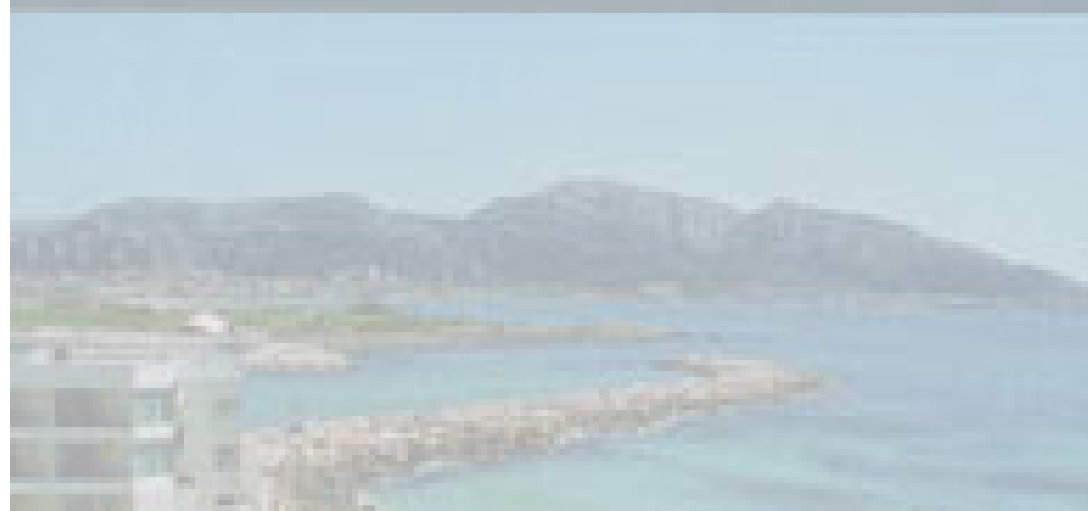
Erwan Borles

Marseille

June, 10-11

2004

Palm Beach Concorde Hotel

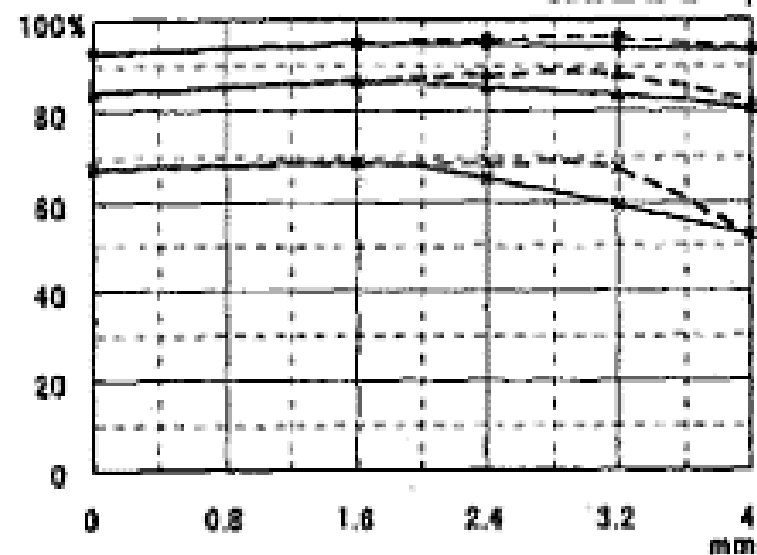




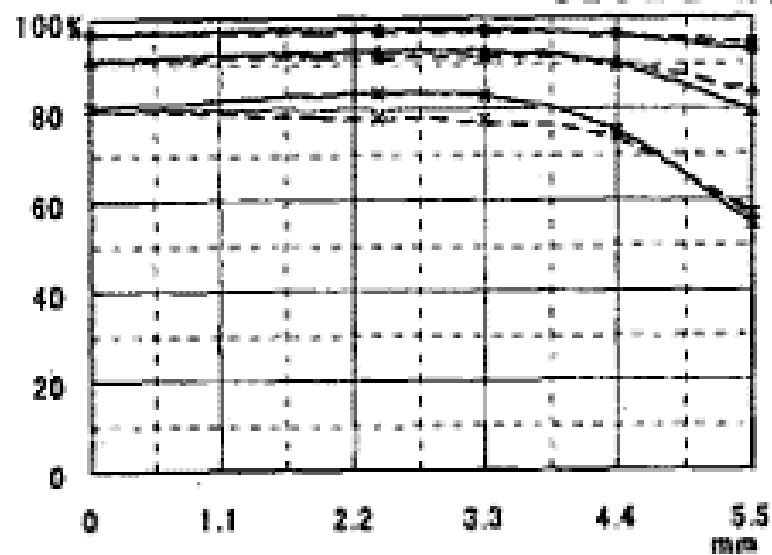




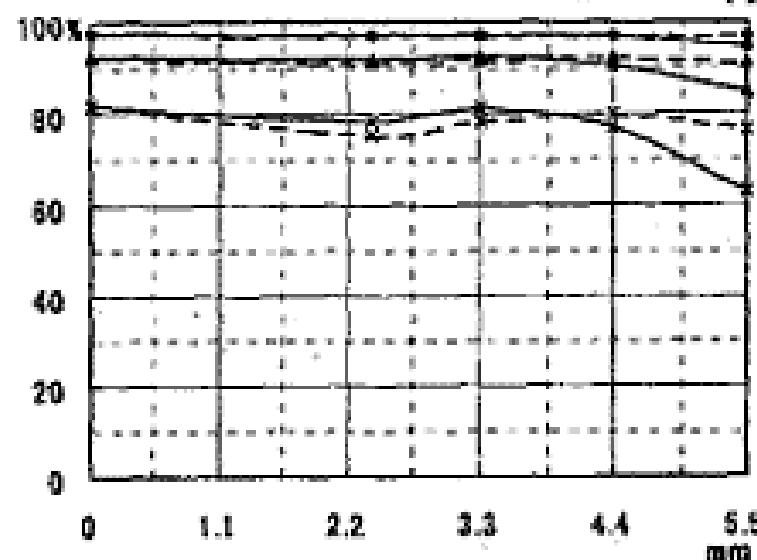
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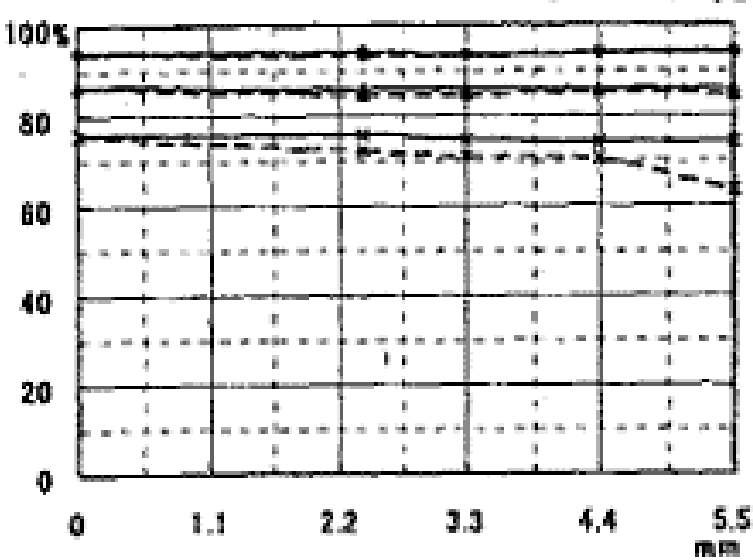
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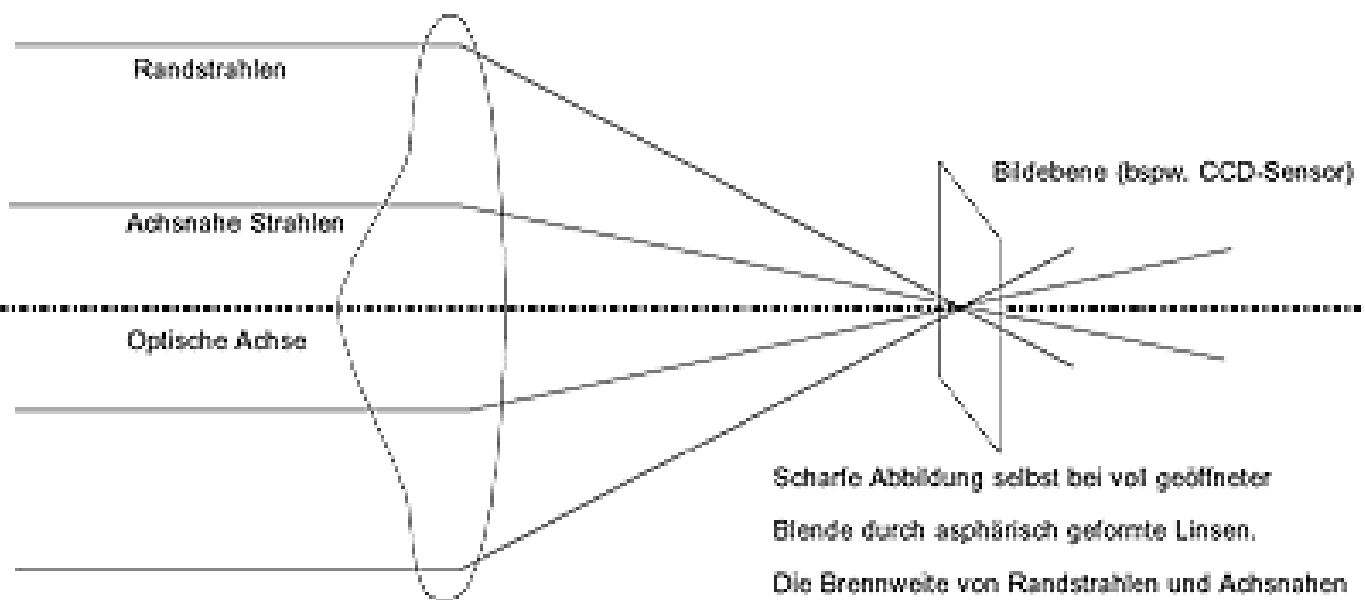


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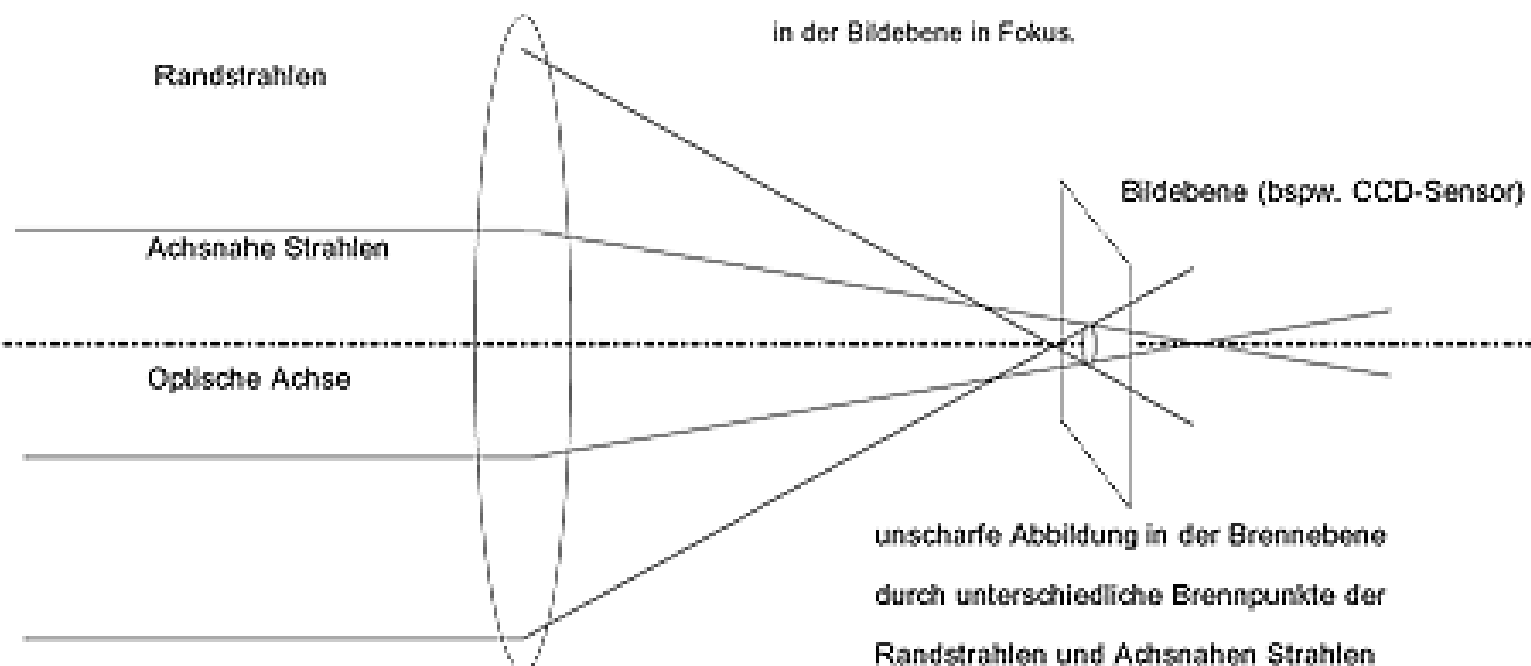


● Optical Transfer Function (OTF) C5028-M





Scharfe Abbildung selbst bei voll geöffneter Blende durch asphärisch geformte Linsen. Die Brennweite von Randstrahlen und Achsnahen Strahlen ist angeglichen und fallen gemeinsam in der Bildebene in Fokus.



unscharfe Abbildung in der Brennebene durch unterschiedliche Brennpunkte der Randstrahlen und Achsnahen Strahlen



PRINZ & DENTALK
PROPERTY
GALLERIES































THE NEW YORK

18-2018





























2003
2004

TIPA

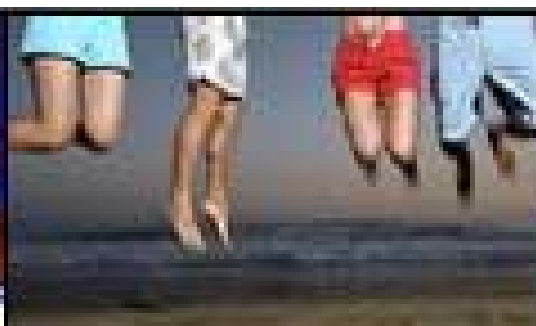
TECHNICAL IMAGE PRESS ASSOCIATION

2003 2004

2003 2004







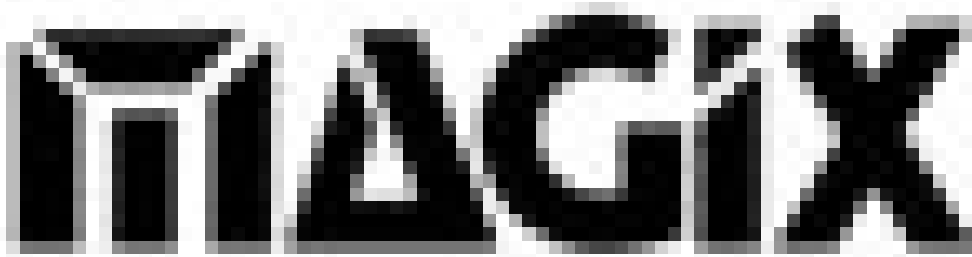










The logo consists of the word "MAGiX" in a bold, sans-serif font. The letter "i" is lowercase and features a dot. The entire word is enclosed within a thick, black, horizontally-oriented oval border.

MAGiX

see. hear. feel. create.















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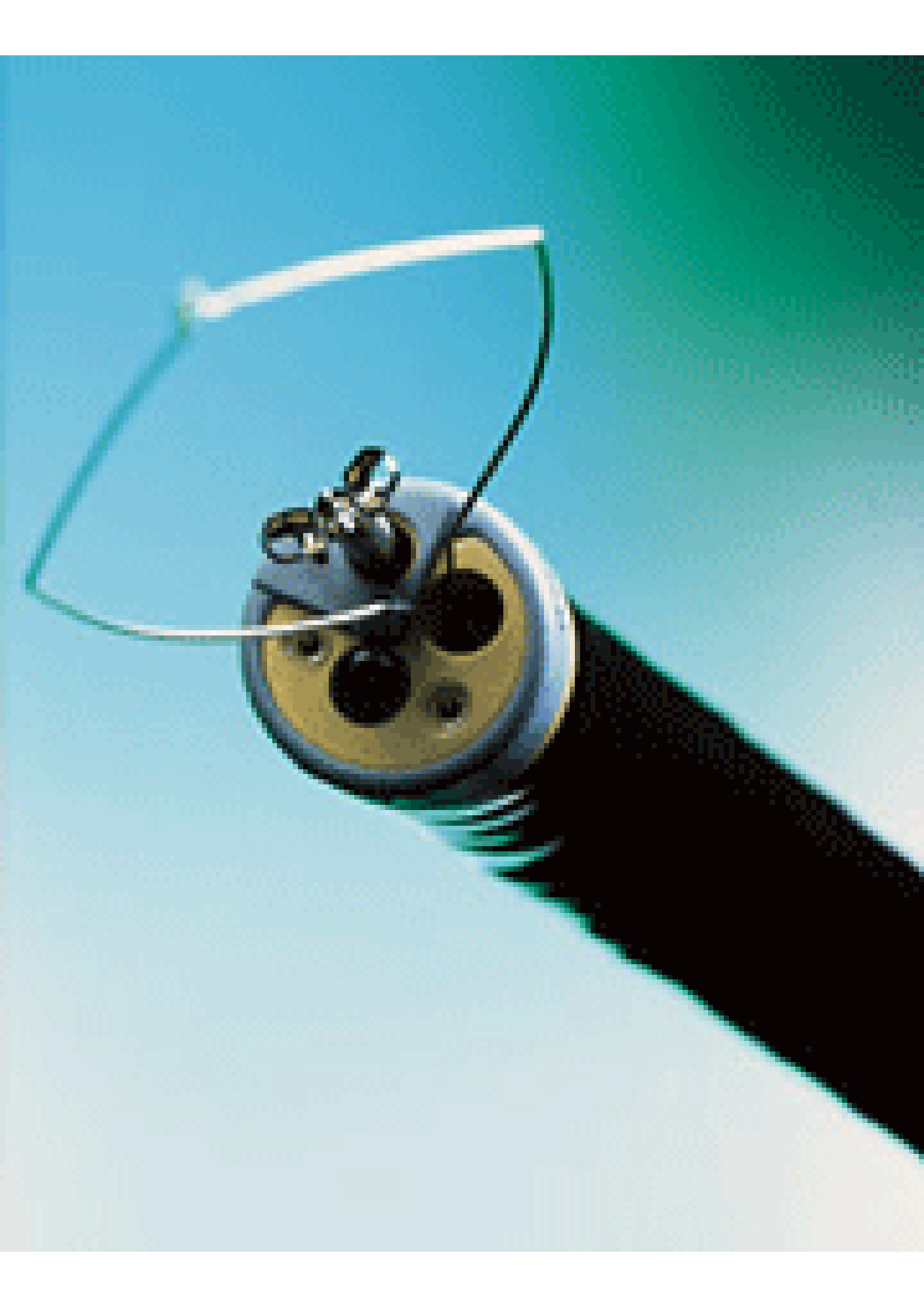














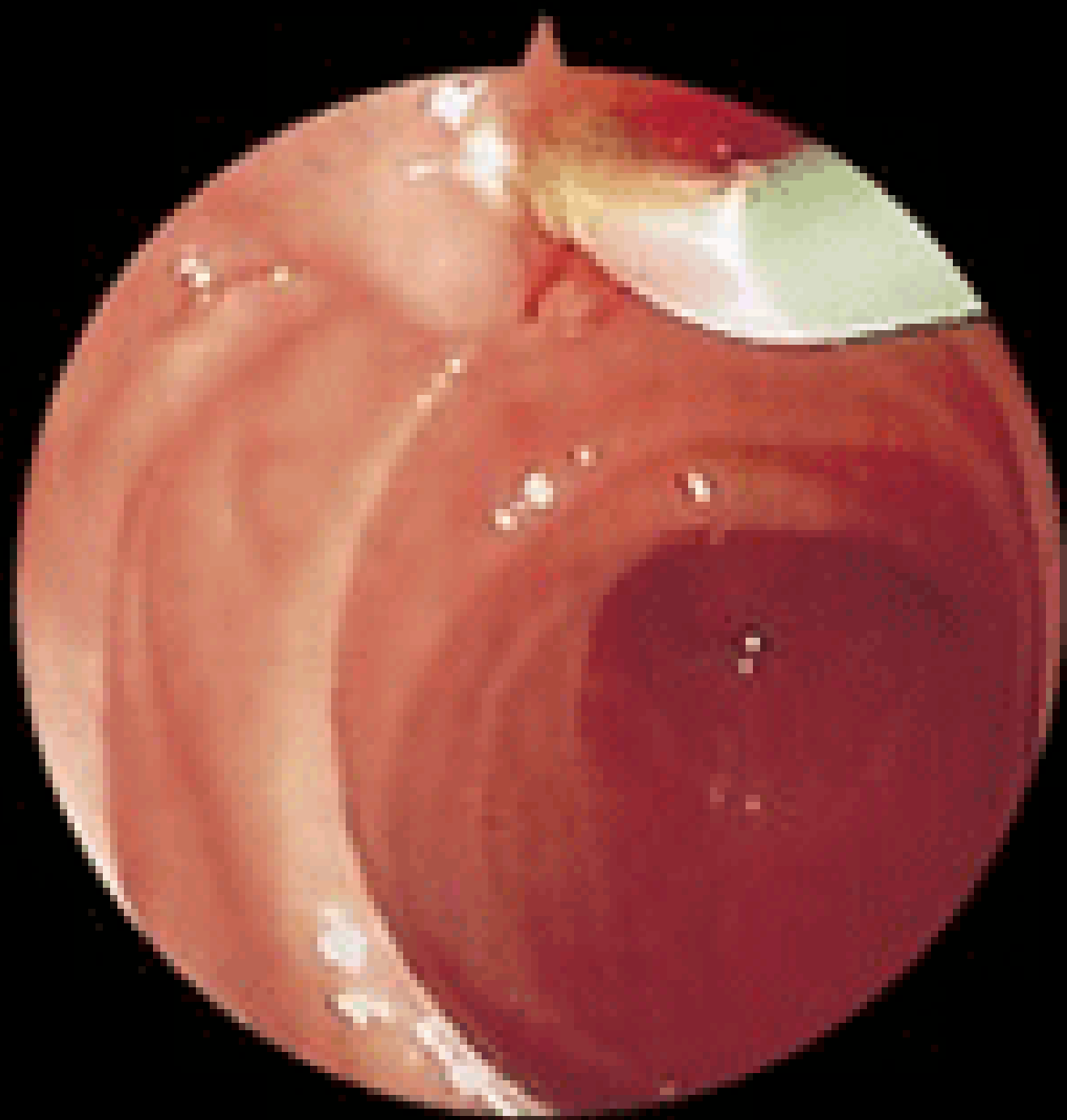
















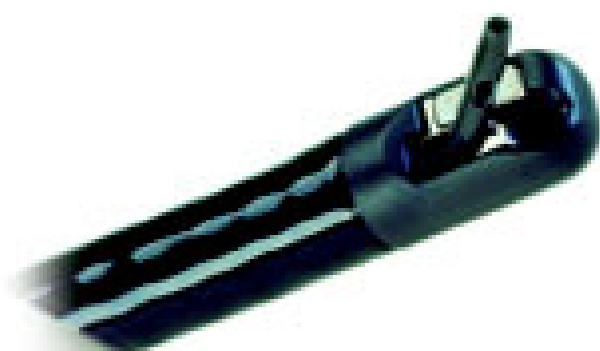








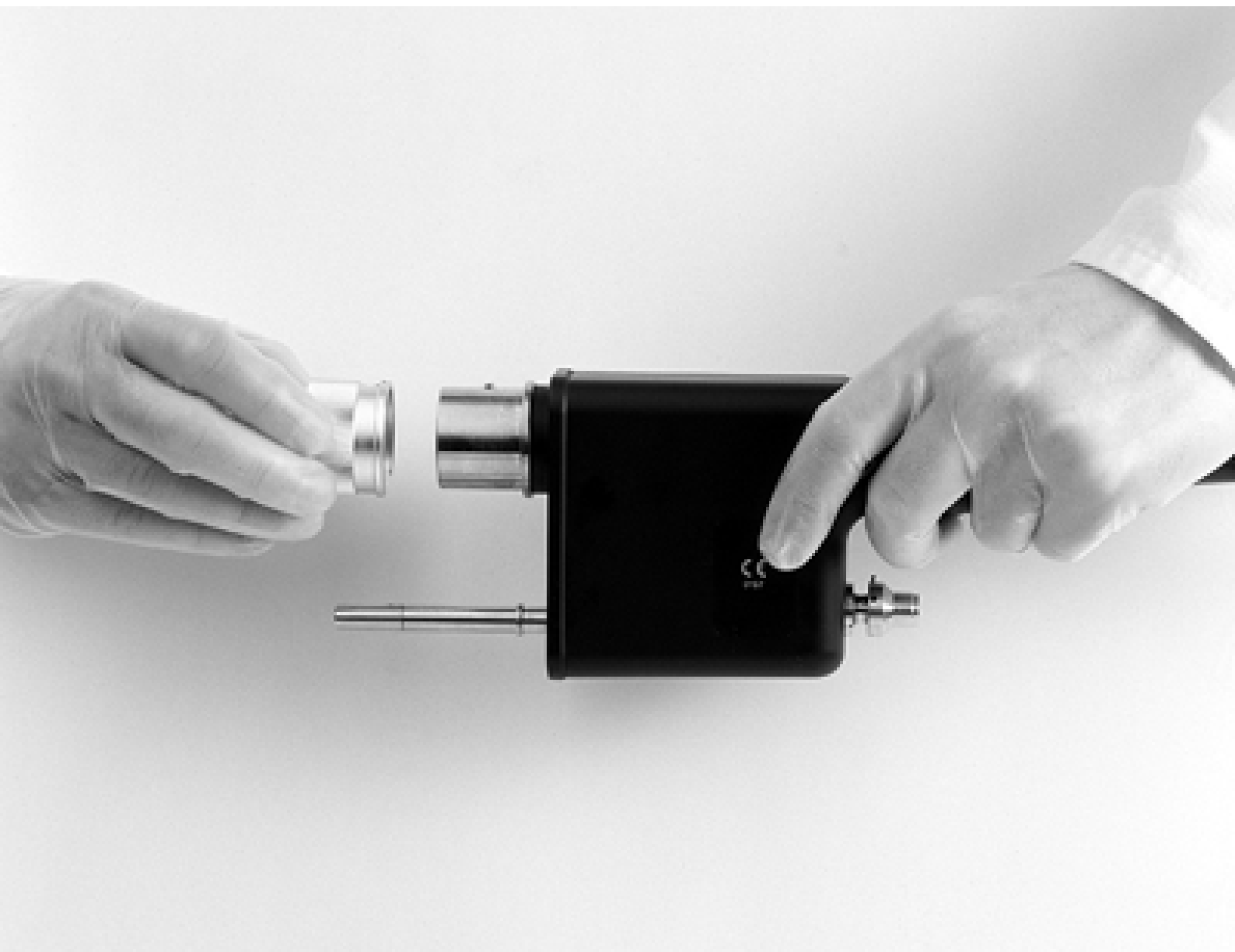




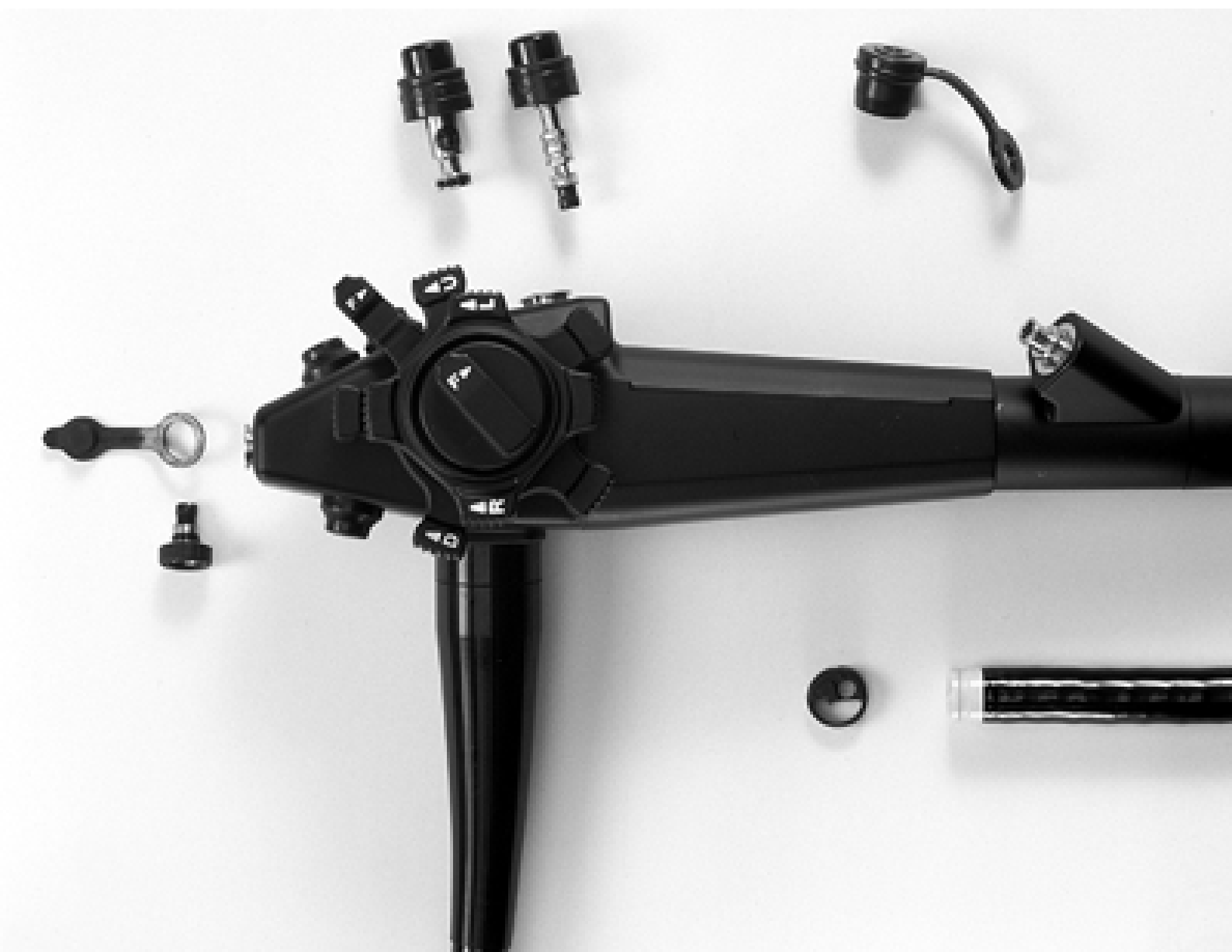








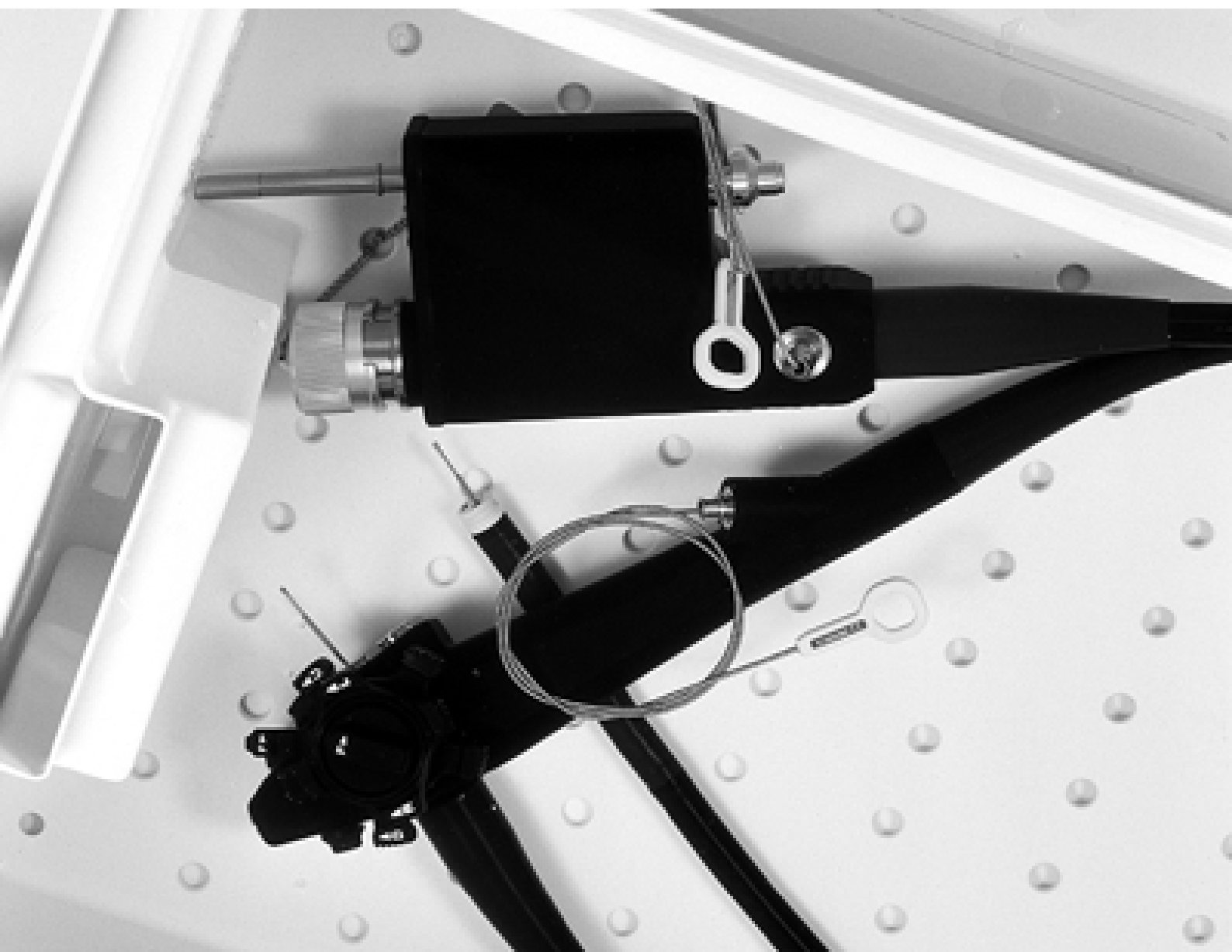




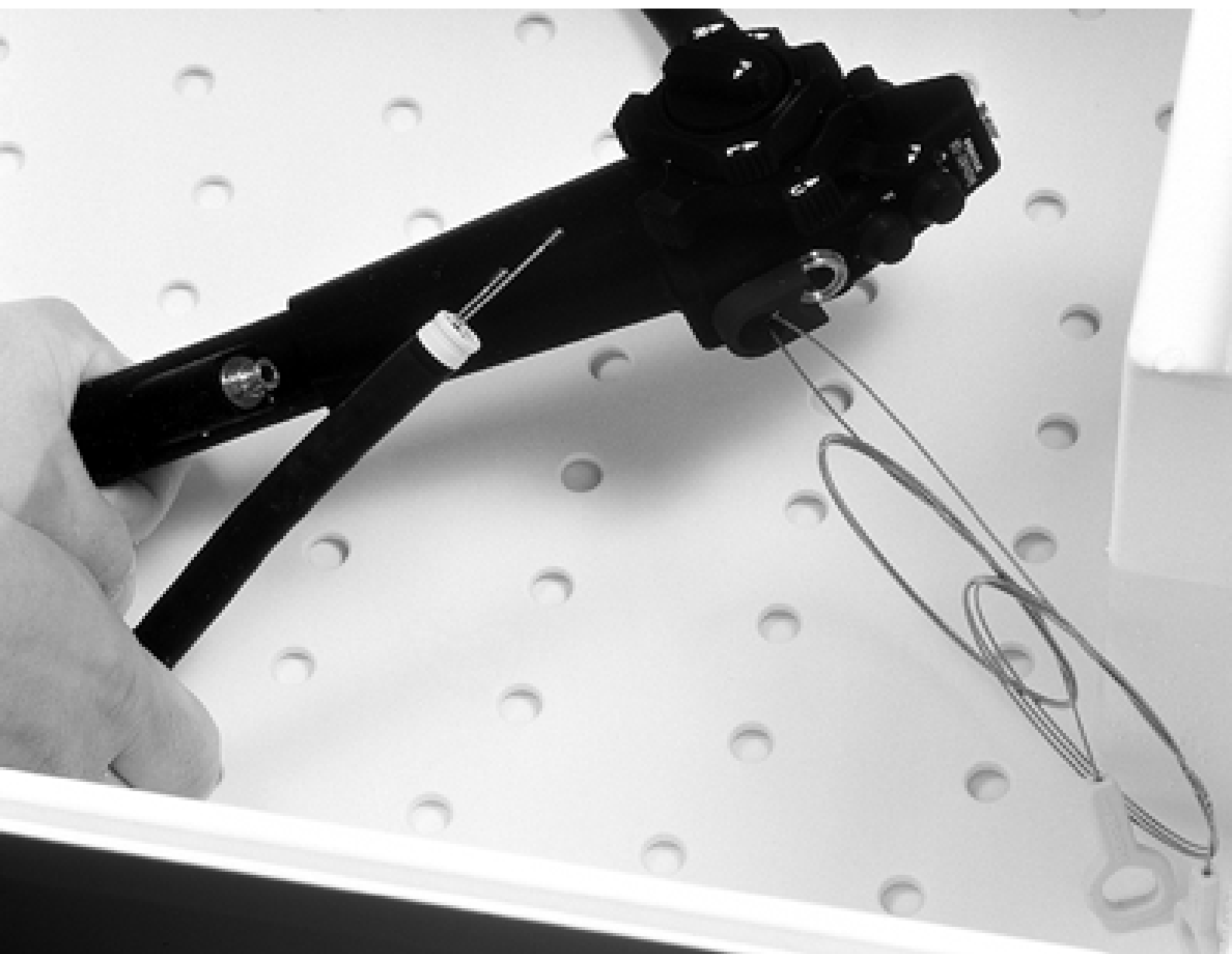


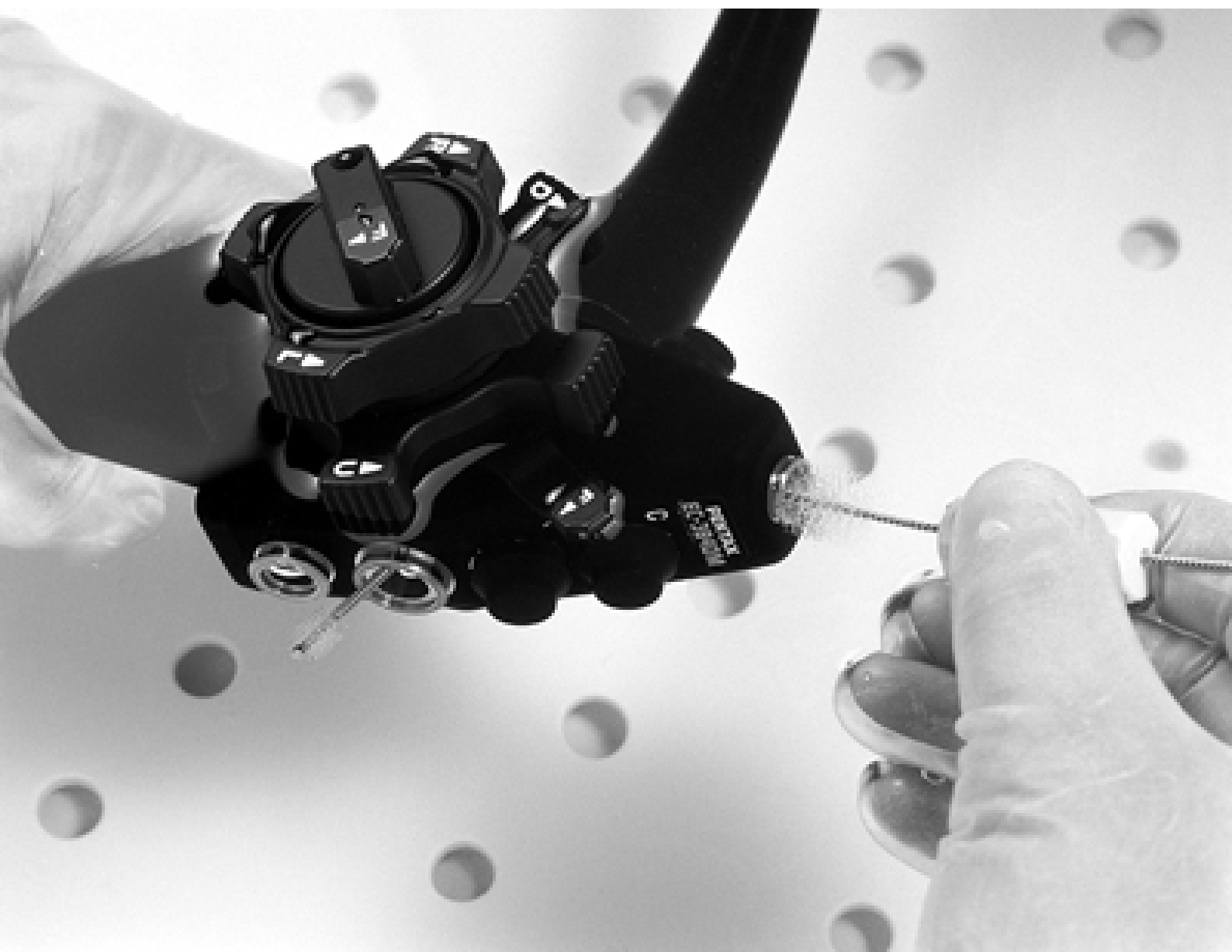




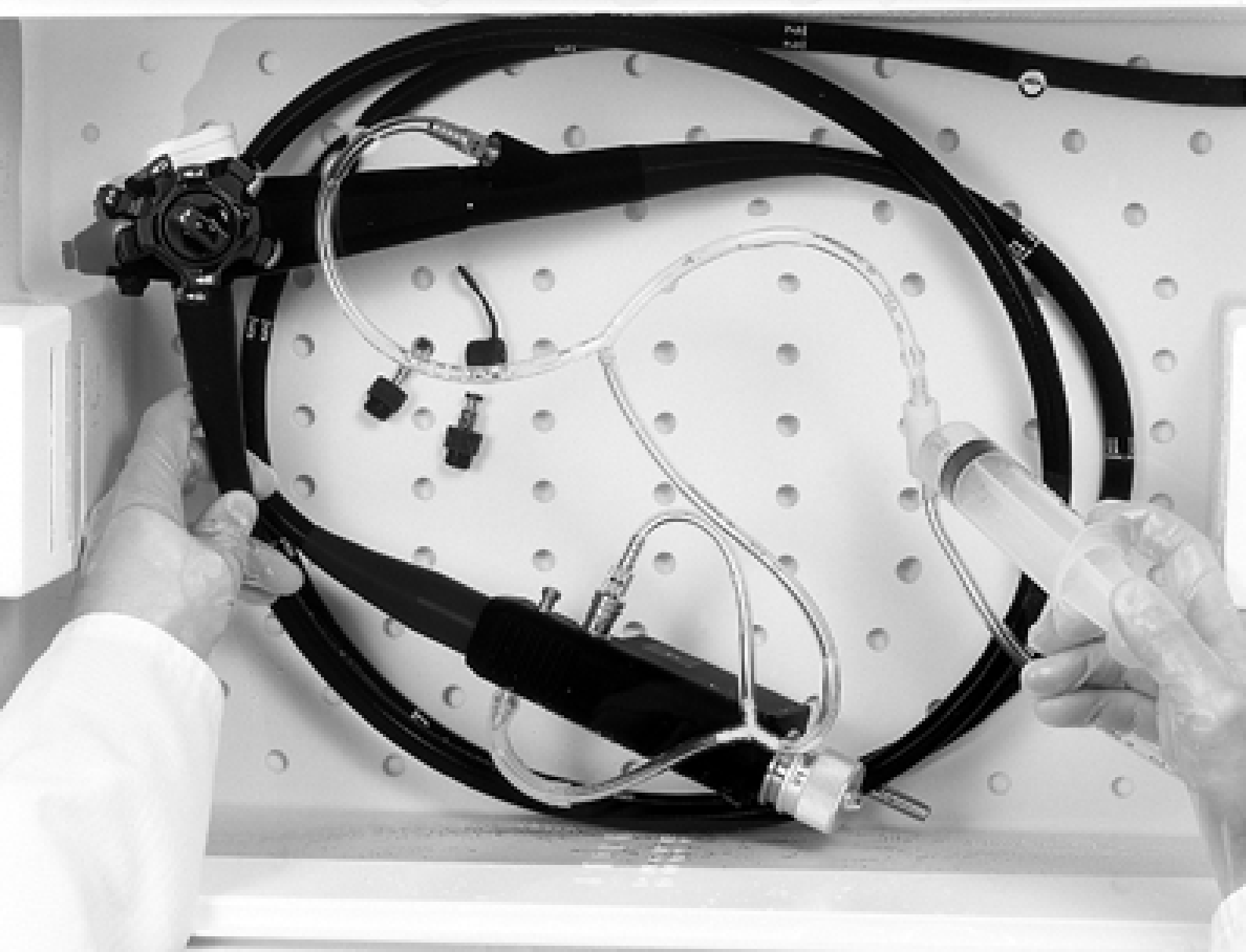






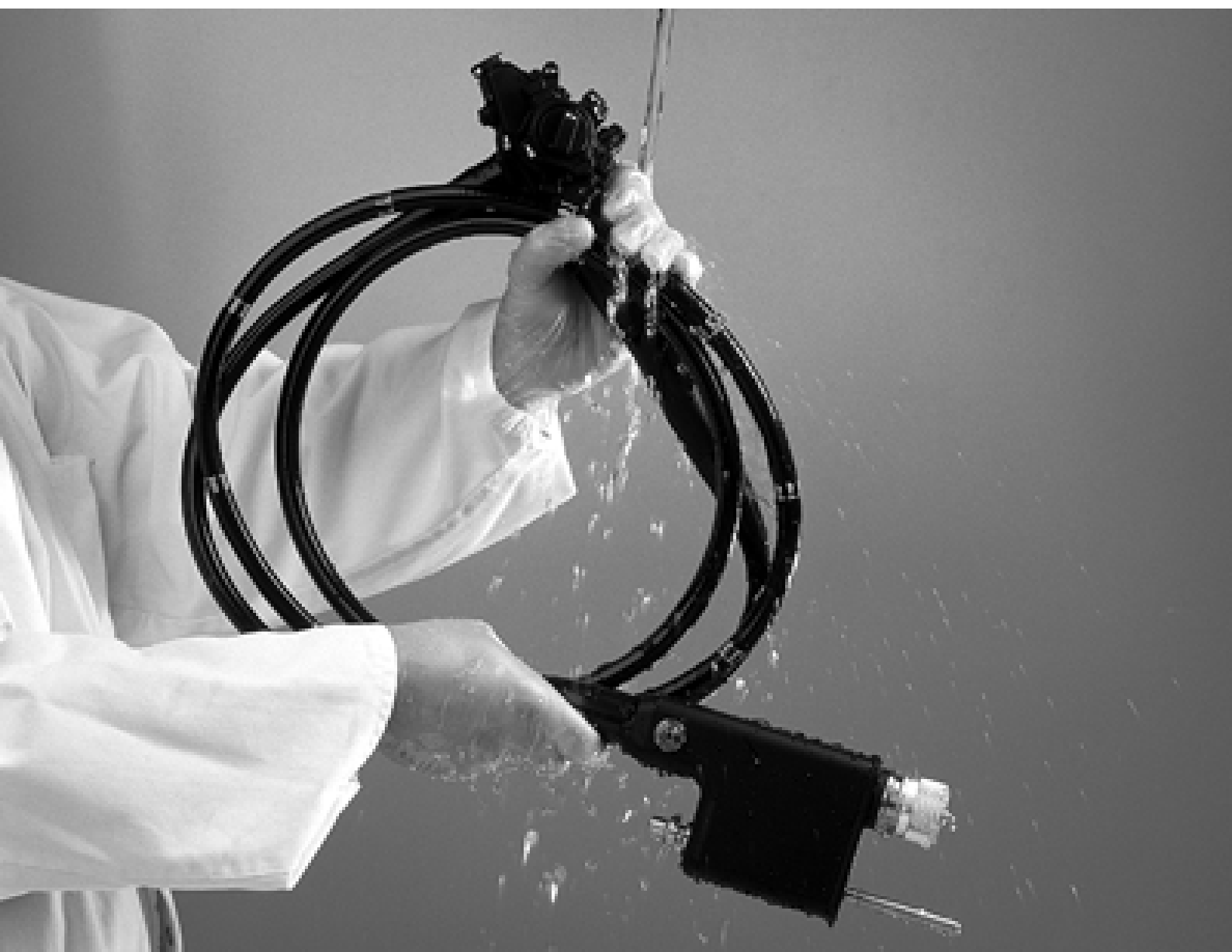


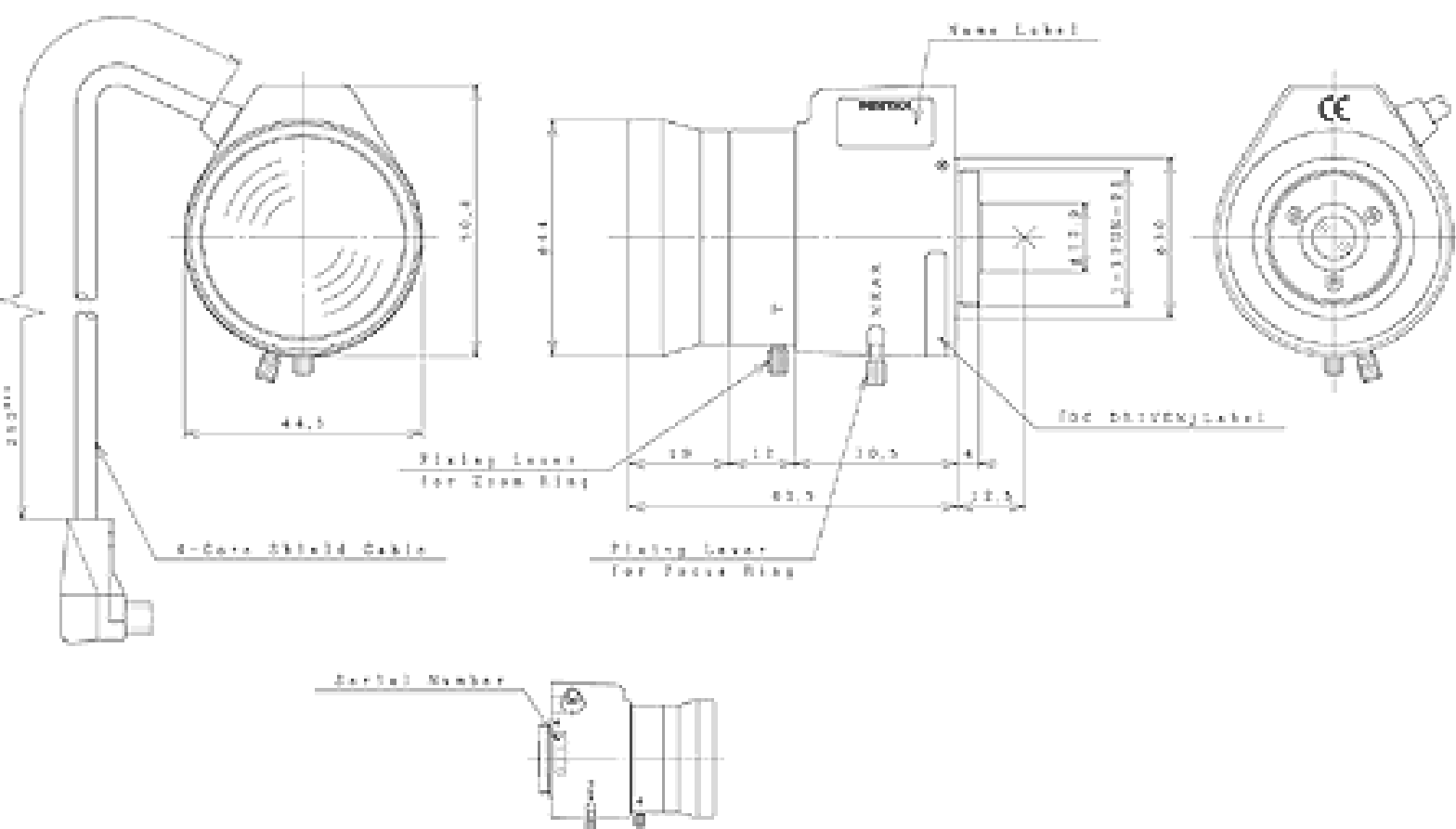


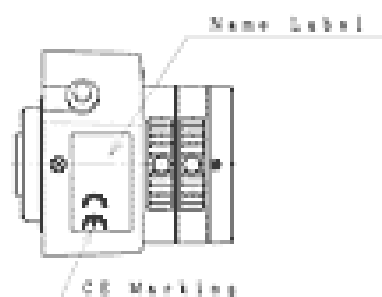
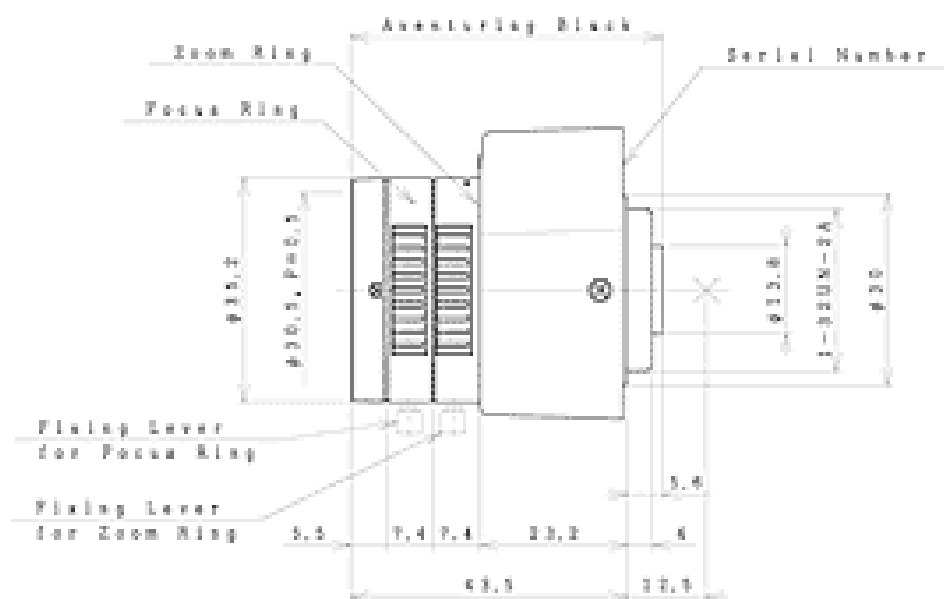
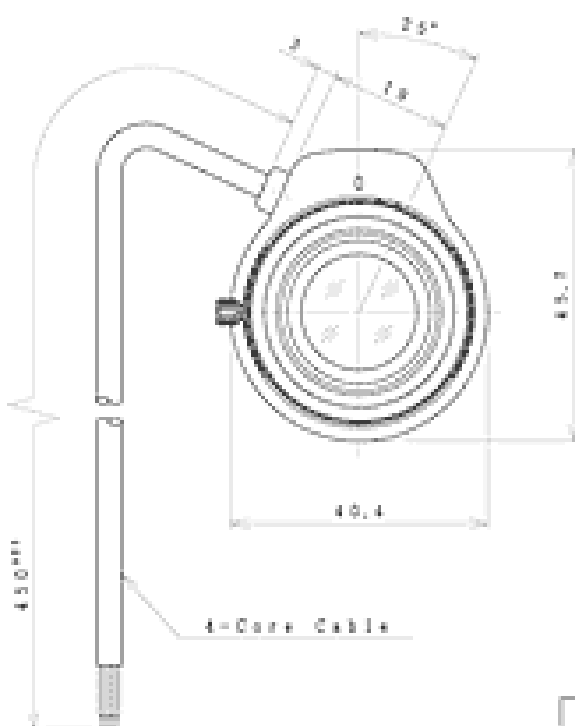




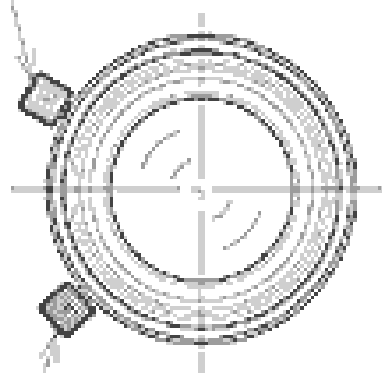




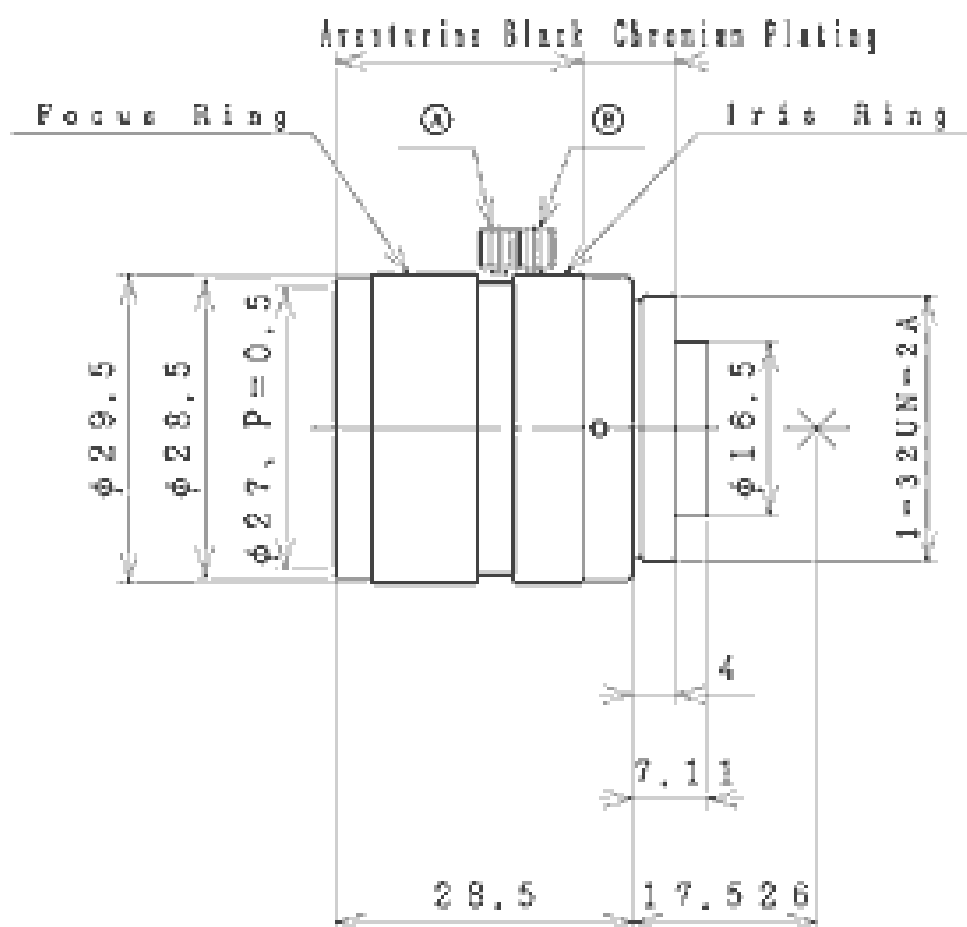




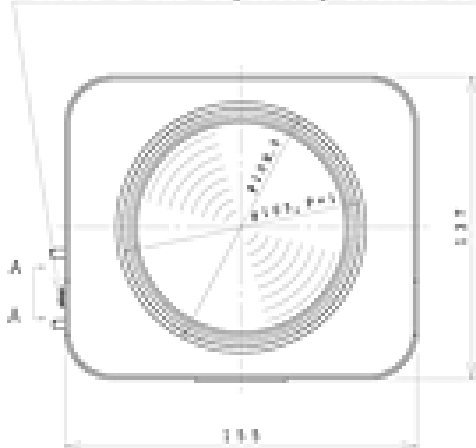
Ⓐ: Fixing Lever
for Focus Ring



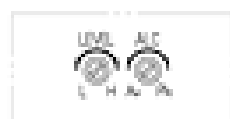
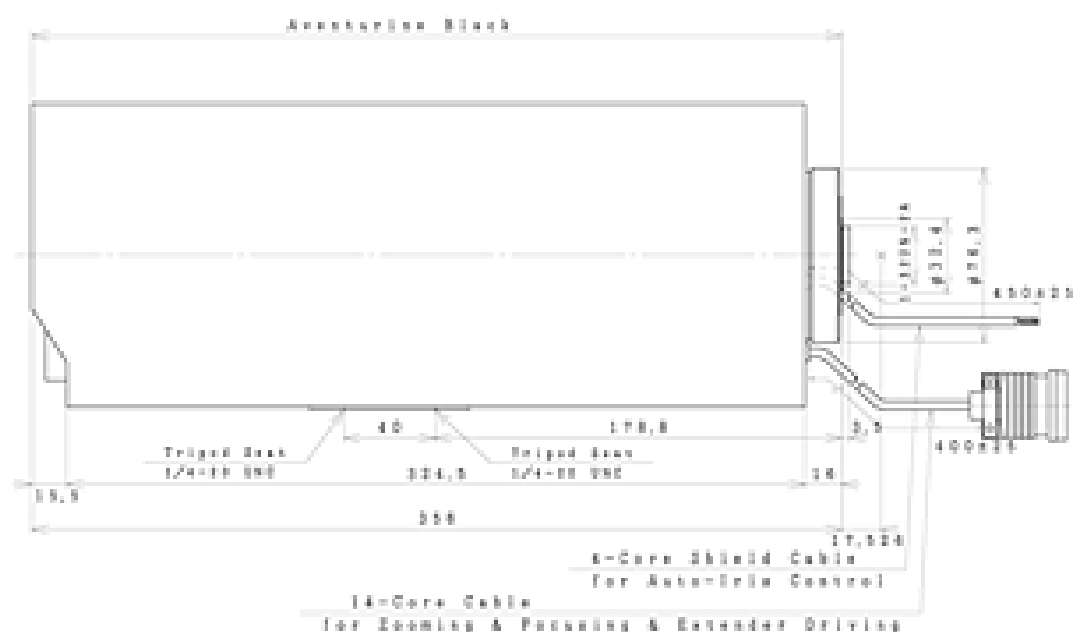
Ⓑ: Fixing Lever
for Iris Ring



LEVEL & ALC Adjusting Window Cap

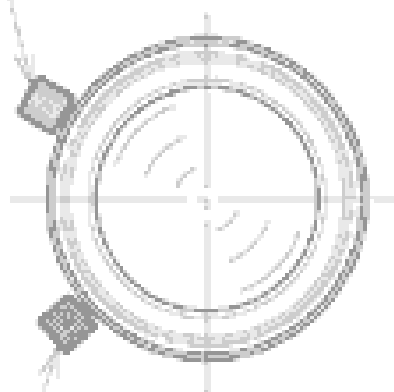


A
A

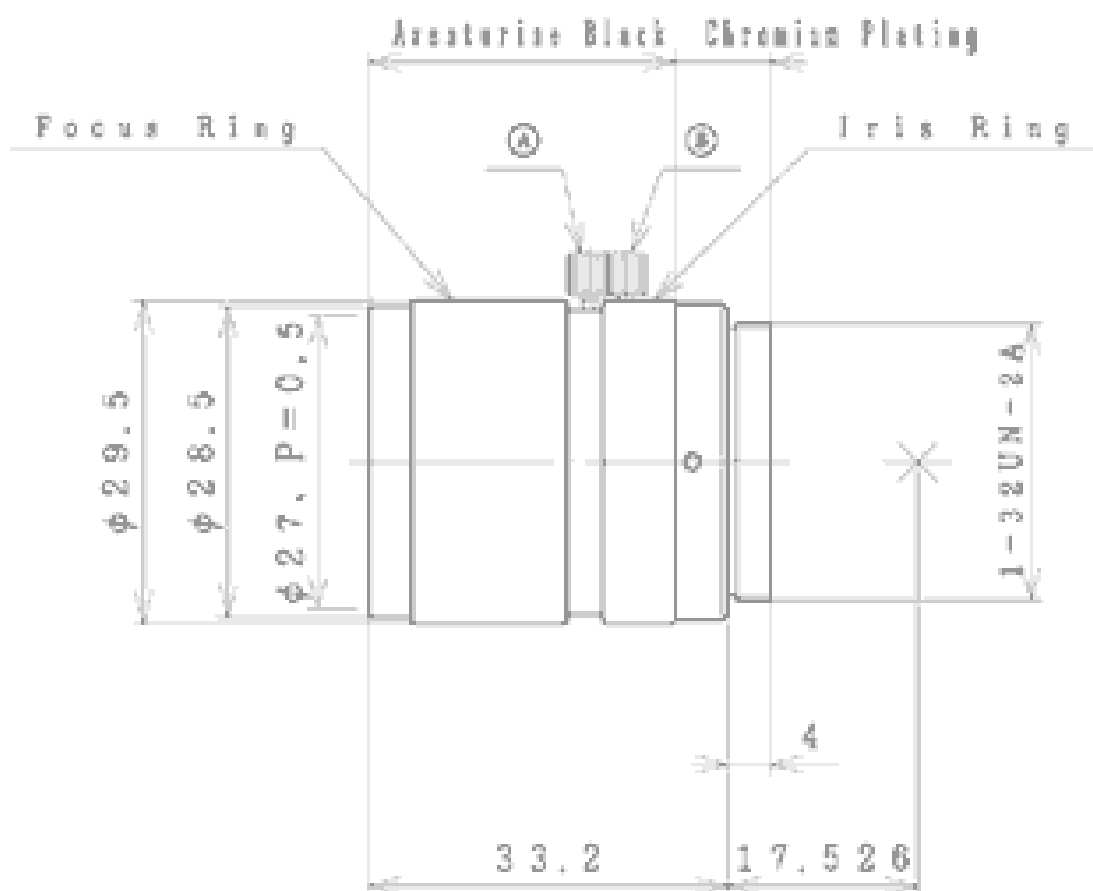


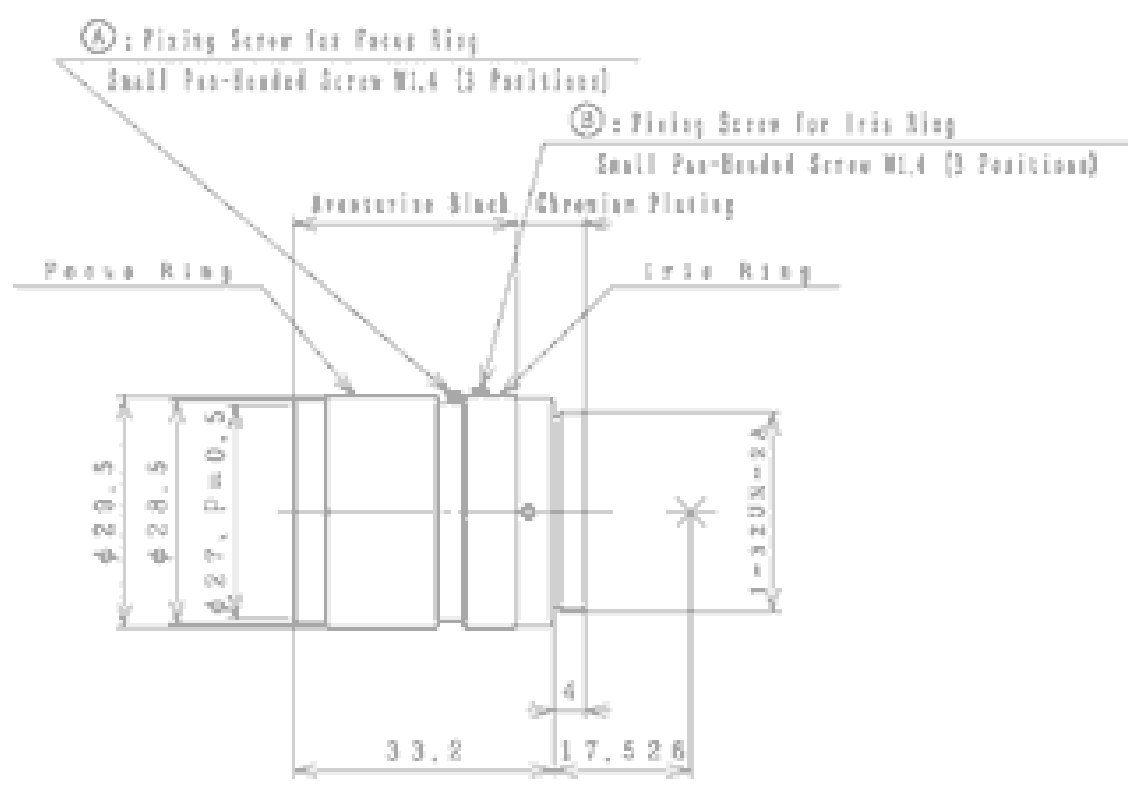
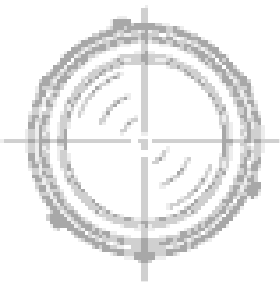
A-A (When Cap is off)

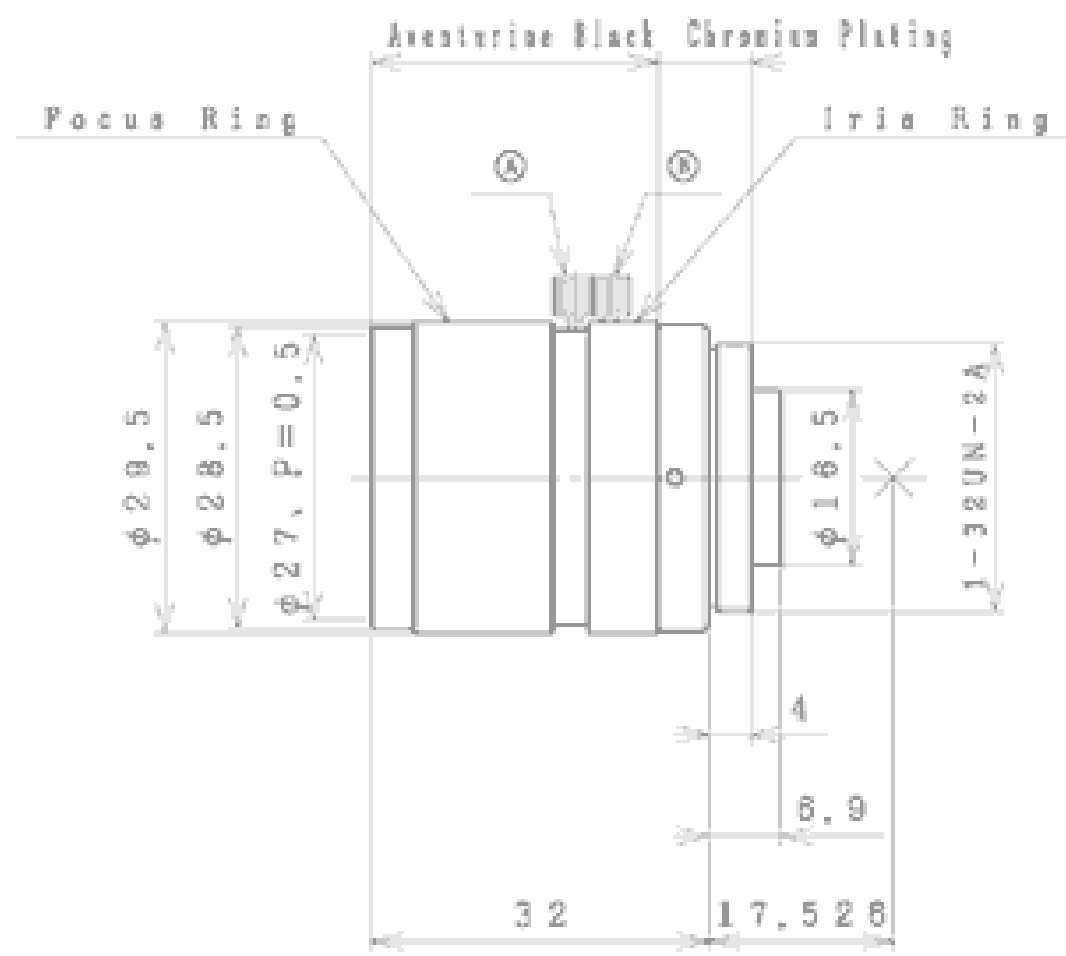
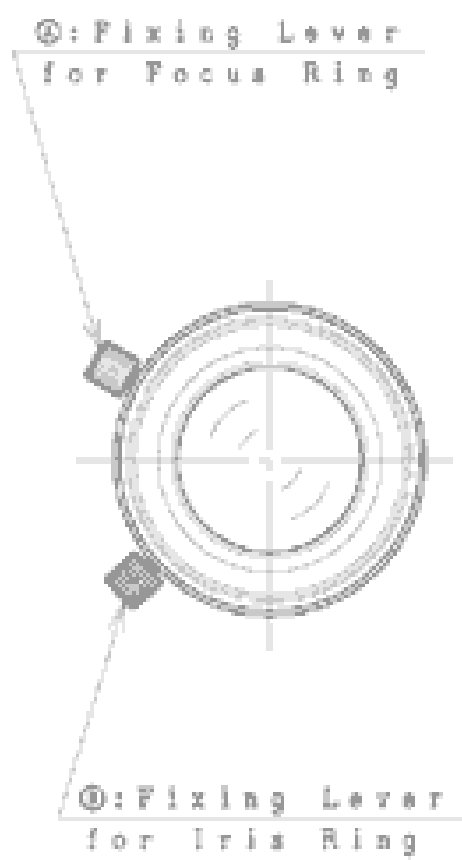
②: Fixing Lever
for Focus Ring

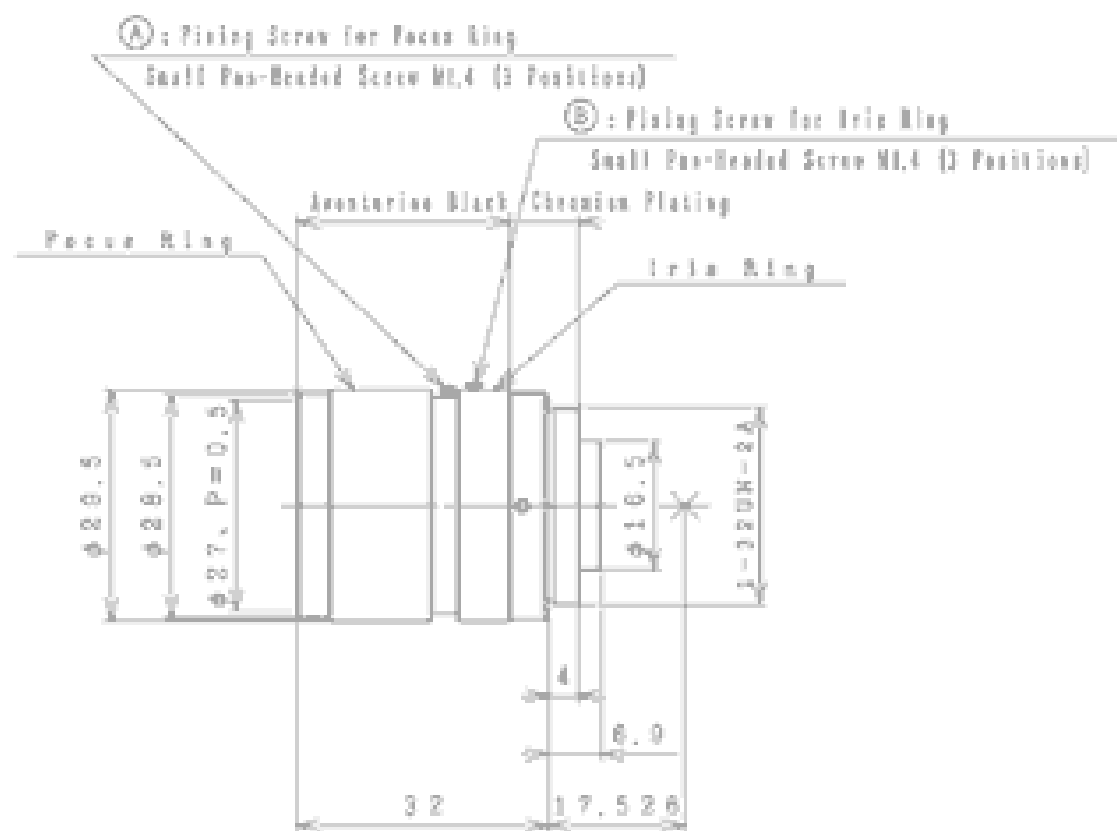
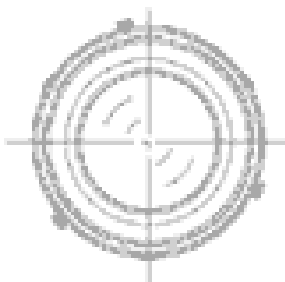


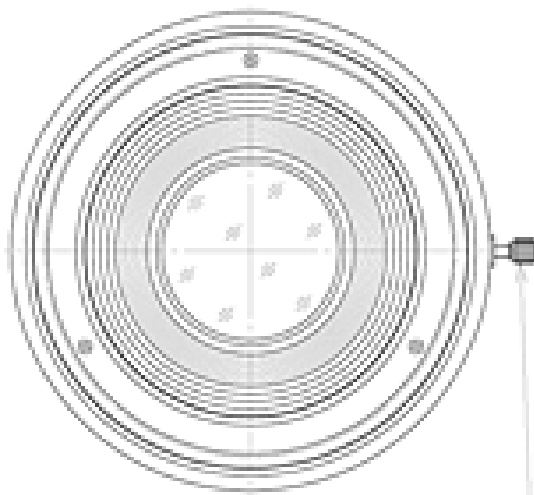
③: Fixing Lever
for Iris Ring



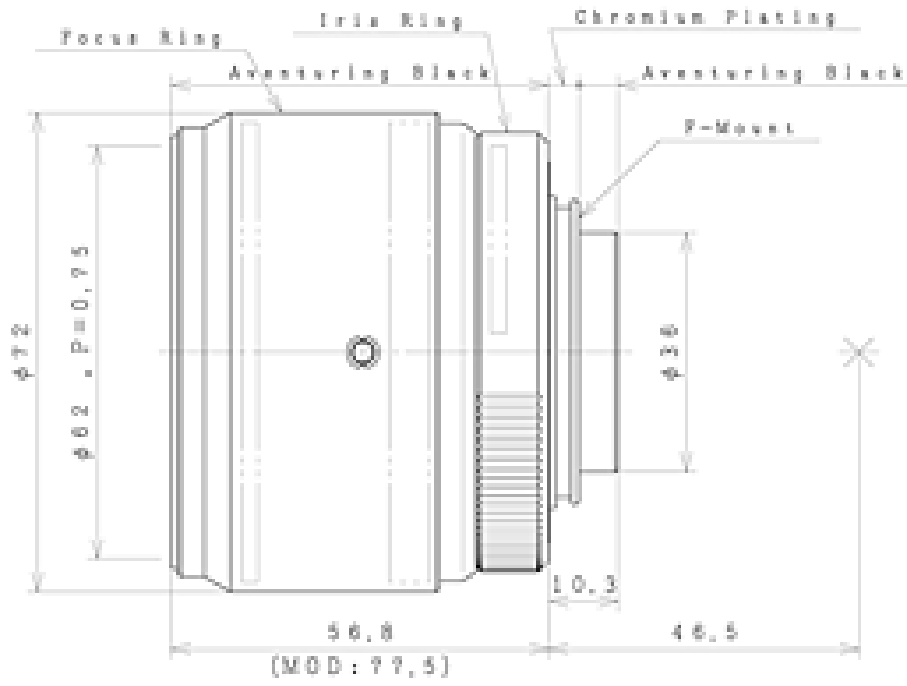


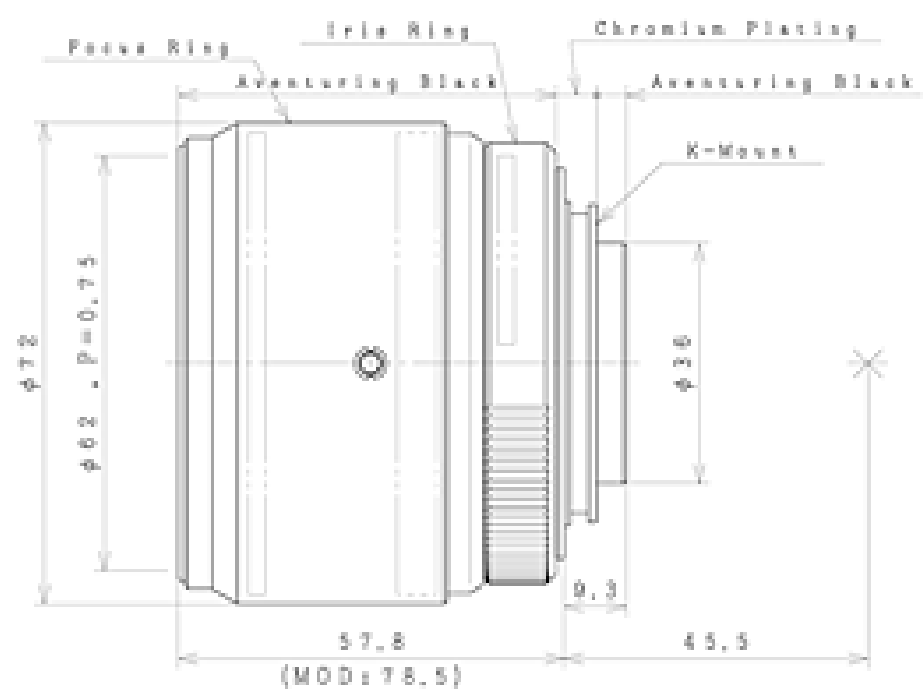
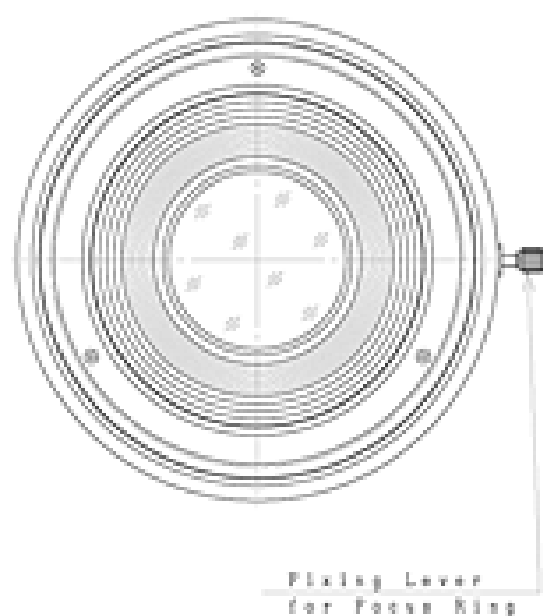






Fixing Lever
for Focus Ring















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