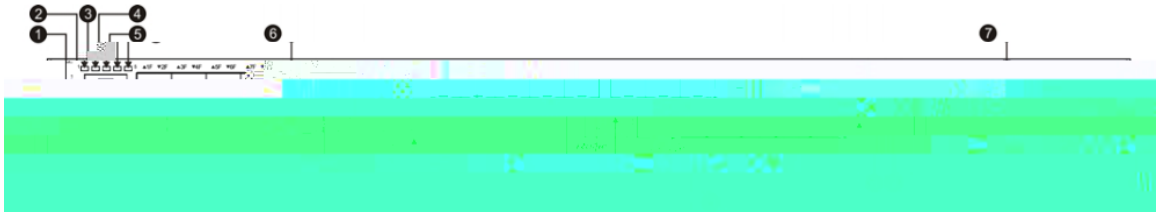
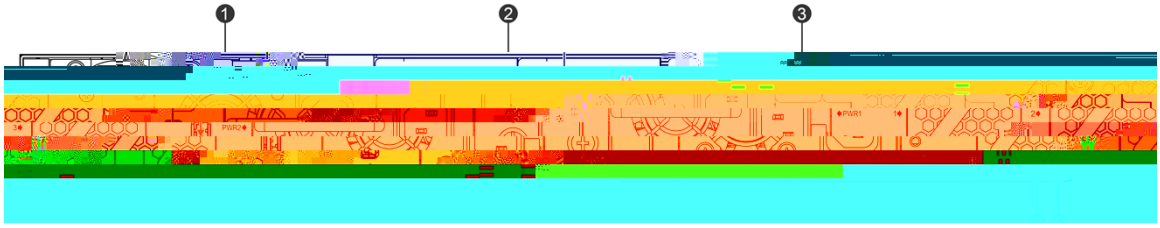


	40G QSFP+
PWR1	10/100/1000Base-T MGMT
PWR2	Console
MGMT	10G SFP+
	⑪ 40G QSFP+
10G SFP+	

RG-S6200-48XS4QXS-S	10G SFP+	1G SFP	10G SFP+	1G SFP

1-3 RG-S6200-48XS4QXS-S

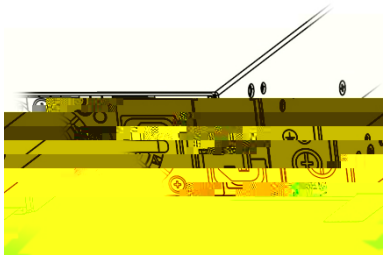


USB2.0

RG-S6220

( )

1-4 RG-S6200-48XS4QXS-S



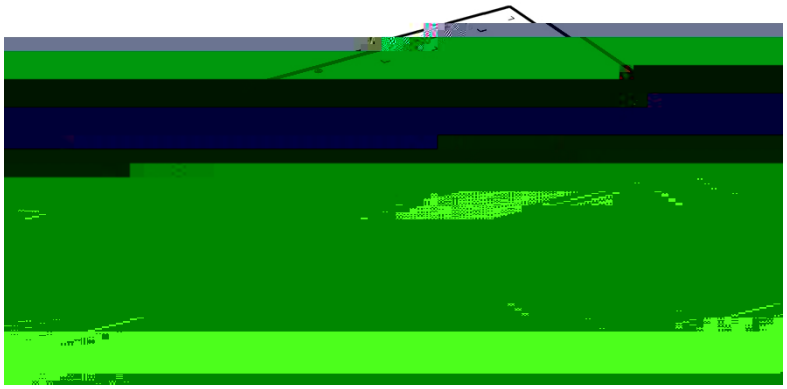
1.2 RG-S6100-48XS4QXS-L V1.XX

	RG-S6100-48XS4QXS-L V1.XX XX
CPU	1.0GHz
BOOT ROM	8MB
Flash Memory	512MB
SDRAM	DDR3 2GB

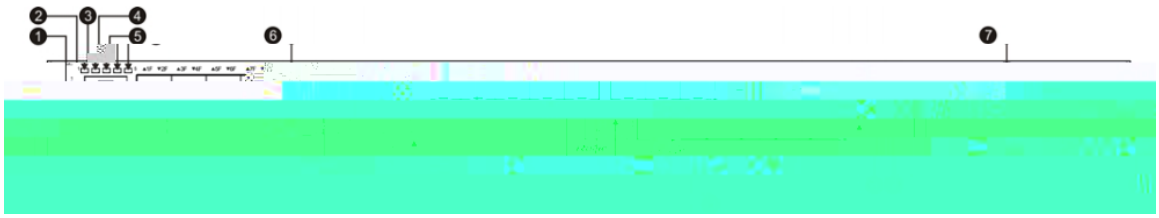
RG-S6100-48XS4QXS-L

2	1+1
3	2+1

1-6 RG-S6100-48XS4QXS-L



1-7 RG-S6100-48XS4QXS-L



	40G QSFP+
PWR1	10/100/1000Base-T MGMT
PWR2	Console
MGMT	10G SFP+
	⑪ 40G QSFP+
10G SFP+	

RG-S6100-48XS4QXS-L	10G SFP+	1G SFP	10G SFP+	1G SFP

1-8 RG-S6100-48XS4QXS-L

USB2.0

RG-S6220

( )

1-9 RG-S6220-48XS4QXS V2.XX

RG-S6100-48XS4QXS-L

USB Universal Serial BUS USB

USB USB

USB USB

Console RS-232 RJ45

10/100/1000M

	Status		1 2
	1	PWR1	AC
	2	PWR2	AC
MGMT		MGMT	Link up Link up 1000M Link up 10M 100M

/ /

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L2

	( )		10G/1G Link Up
			10G/1G
QSFP+	49F—64F (4*10G)		Link
			10G Link Up
			10G
	65F—68F (1*40G)		Link
			40G Link Up
			40G

RG-S6220-48XS4QXS-L RG-M6220-AC460E-F

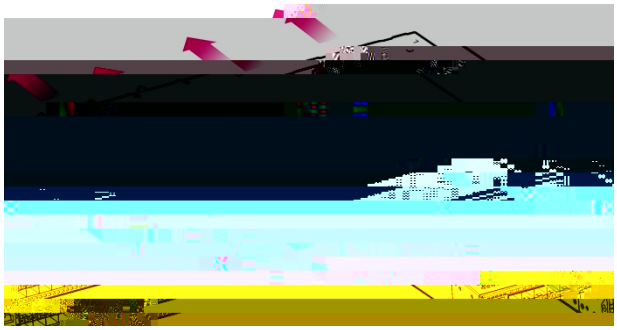
RG-S6220-48XS4QXS-L 1 1
1 1 2

1

RG-S6220-48XS4QXS-L 0 50
RG-S6220-48XS4QXS-L
3

RG-S6220-48XS4QXS-L M6220-FAN II-F

1-15 RG-S6220-48XS4QXS-L



20cm

2

1.4

L2 RG-S6220

	18000RPM
	6W
	0.25KG
	166 * 55.7 * 41.2(mm)

1.4.2 M6220-AC460E-F

M6220-AC460E-F L2 M6220-AC460E-F

M6220-AC460E-F

10A

M6220-AC460E-F AC

2

2.1

2.1.1

2.1.2

2.1.3

2 16 1mA

16mA 30mA <15

2.2

L2

2.2.1

2.2.2

L2 20cm

3

2.2.3

L2

RG-S6200-48XS4QXS-S	0ºC-50ºC	10%-90%
RG-S6100-48XS4QXS-L	0ºC-50ºC	10%-90%
RG-S6220-48XS4QXS-L	0ºC-50ºC	10%-90%

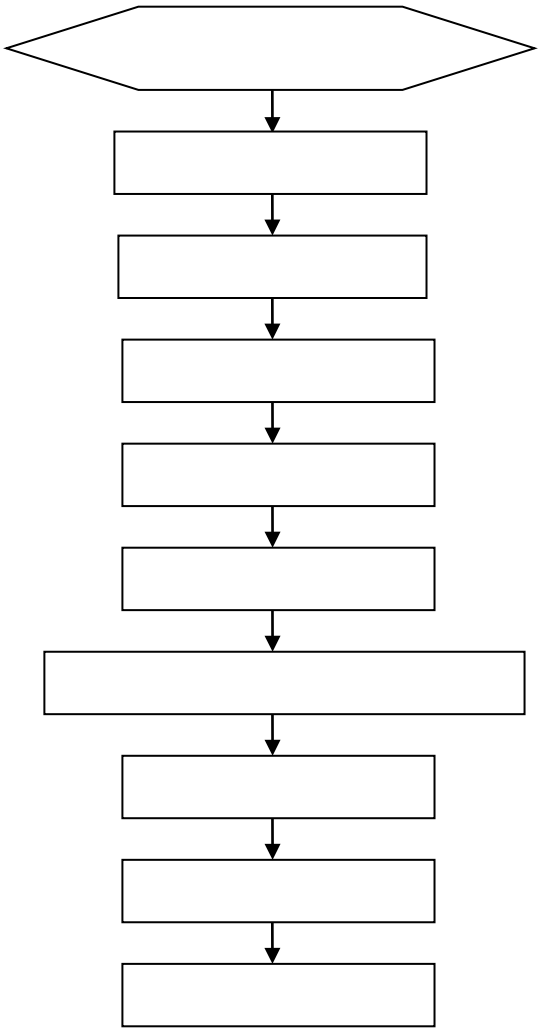
1.5M

2.2.6 EMI

3

L2

3.1



3.2

L2

3.3

5mm

1.5cm

1)

2)

3)

4)

3.4

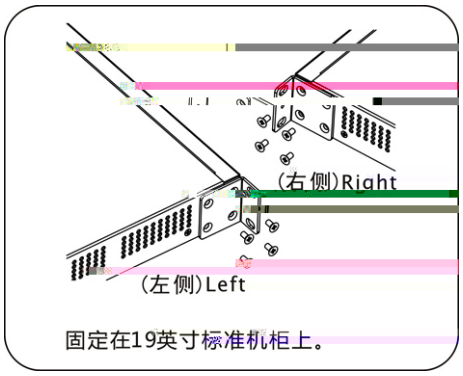
L2

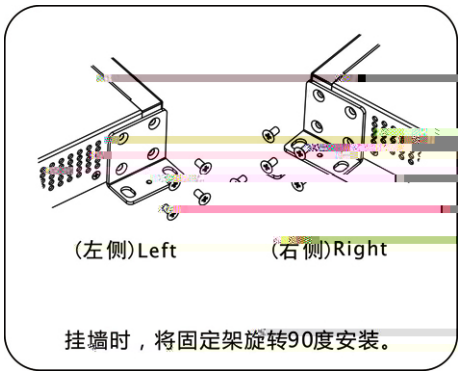
10mm

1 L 8 M4*8FMO

2 4 M4*8FMO

3-1





L2 EIA 19

L2

3-2

3.5

M6220-FAN II-F

RG-M6220-AC460E-F

3.7

L2

M

1

2.5 12AWG

3.8

RJ-45 Console DB9

9600 8 1

3.9

1) RJ45 RCMI

2) ,

3) RJ45

3.10

1)

2)

3)

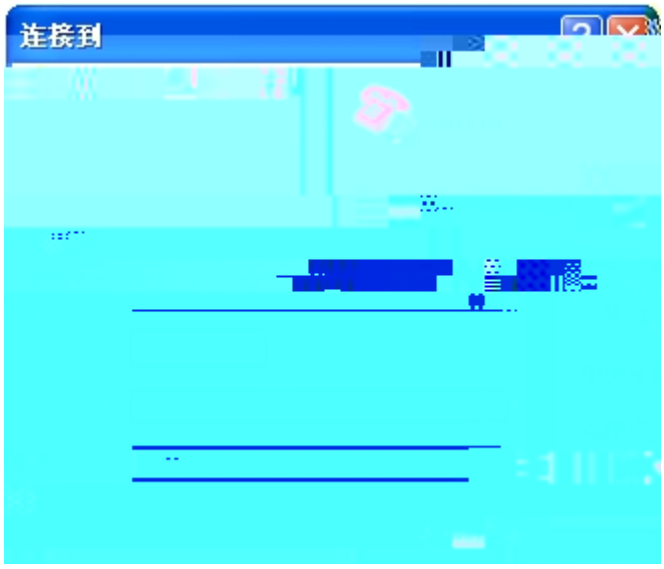
3.11

Θ

4

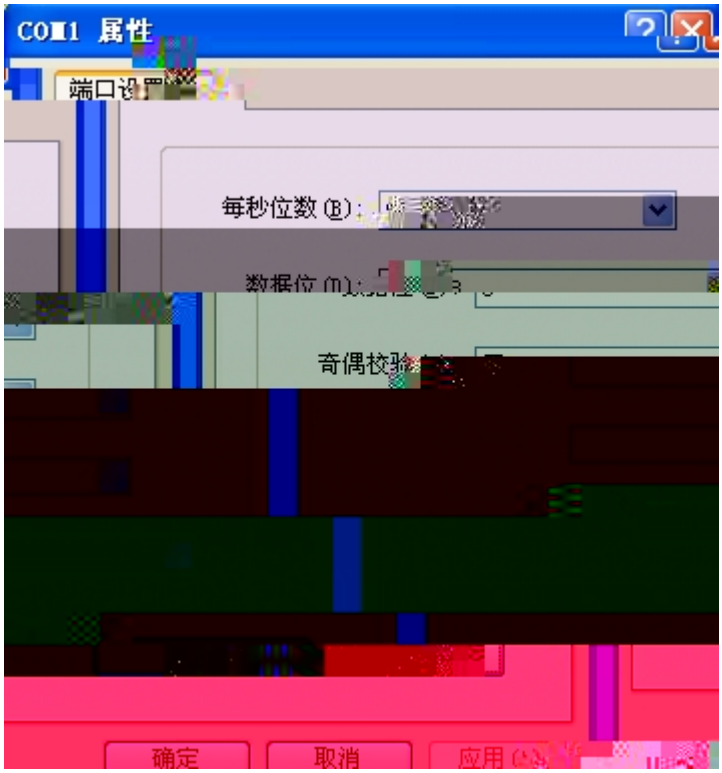
4.1

L2



4) < > 4-5 9600
8 1

4-5



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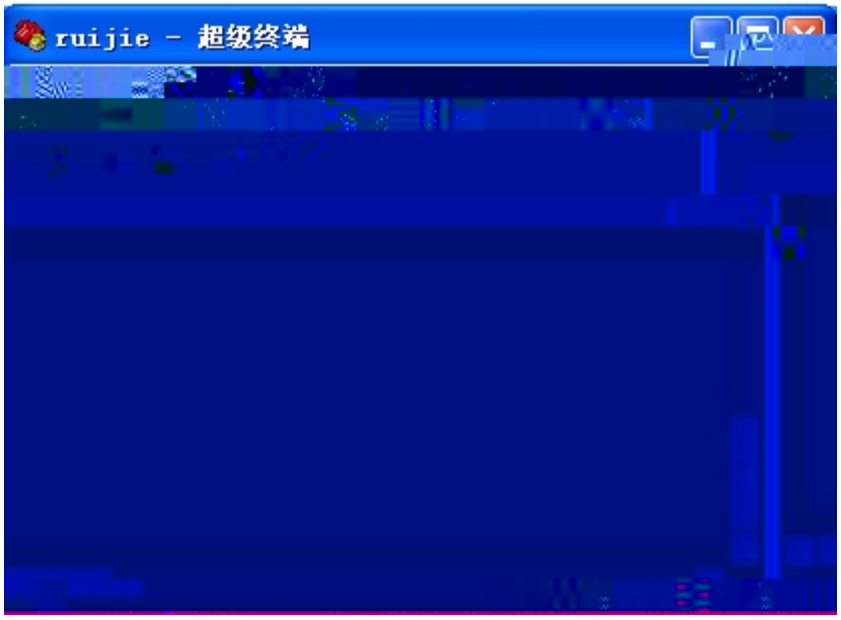
4-6



4.2

PC

5

5.1

L2

Status

Status

Fan

Status

PWR1/PWR2

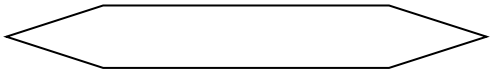
CLI

L2

5.2

6

6.1



6.2

1

7 link

link

1

2 1310nm 1550nm

3

4

A ——

10GBASE-T/1000BASE-T/100BASE-TX

10GBASE-T/1000BASE-T/100BASE-TX MDI/MDIX Crossover

10GBASE-T IEEE 802.3an 10GBASE-T 4

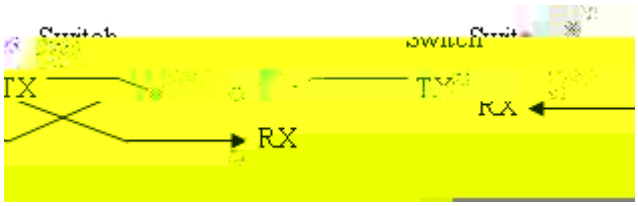
100BASE-TX 100-ohm 5 100

100BASE-TX

A-2 100BASE-TX/

100BASE-TX

A-3 100BASE-TX


TX
RX

B ——Mini-GBIC 40G FC

SFP Mini-GBIC SFP+ 40G QSFP+
FC SFP SFP+
40G QSFP+ FC Mini-GBIC SFP
.doc FC .doc SFP+ .doc 40G QSFP+
.doc

Mini-GBIC SFP

GBIC/SFP	(nm)		DDM	(dBm)		(dBm)	
			(Yes/No)	min	max	min	max
FE-SFP-LX-MM1310	1310		Yes	-22	-14	-30	-14
FE-SFP-LH15-SM1310	1310		Yes	-15	-8	-28	-8
MINI-GBIC-SX-MM850	850		No	-9.5	-3	-17	0
MINI-GBIC-LX-SM1310	1310		No	-9.5	-3	-20	-3
GE-eSFP-SX-MM850	850		Yes	-9.5	-3	-17	0
GE-eSFP-LX-SM1310	1310		Yes	-9.5	-3	-20	-3
MINI-GBIC-LH40-SM1310	1310		Yes	-2	3	-22	-3
MINI-GBIC-ZX50-SM1550	1550		Yes	-5	0	-22	-3
MINI-GBIC-ZX80-SM1550	1550		Yes	0	4.7	-22	-3
MINI-GBIC-ZX100-SM1550	1550		Yes	0	5	-30	-9

GBIC/SFP	(nm)		C T D	
FE-SFP-LX-MM1310	1310		62.5/125	2km
FE-SFP-LH15-SM1310	1310		9/125	15km
MINI-GBIC-SX-MM850	850		62.5/125	275m
			50/125	550m
MINI-GBIC-LX-SM1310	1310		9/125	10km
GE-eSFP-SX-MM850			62.5/125	275m

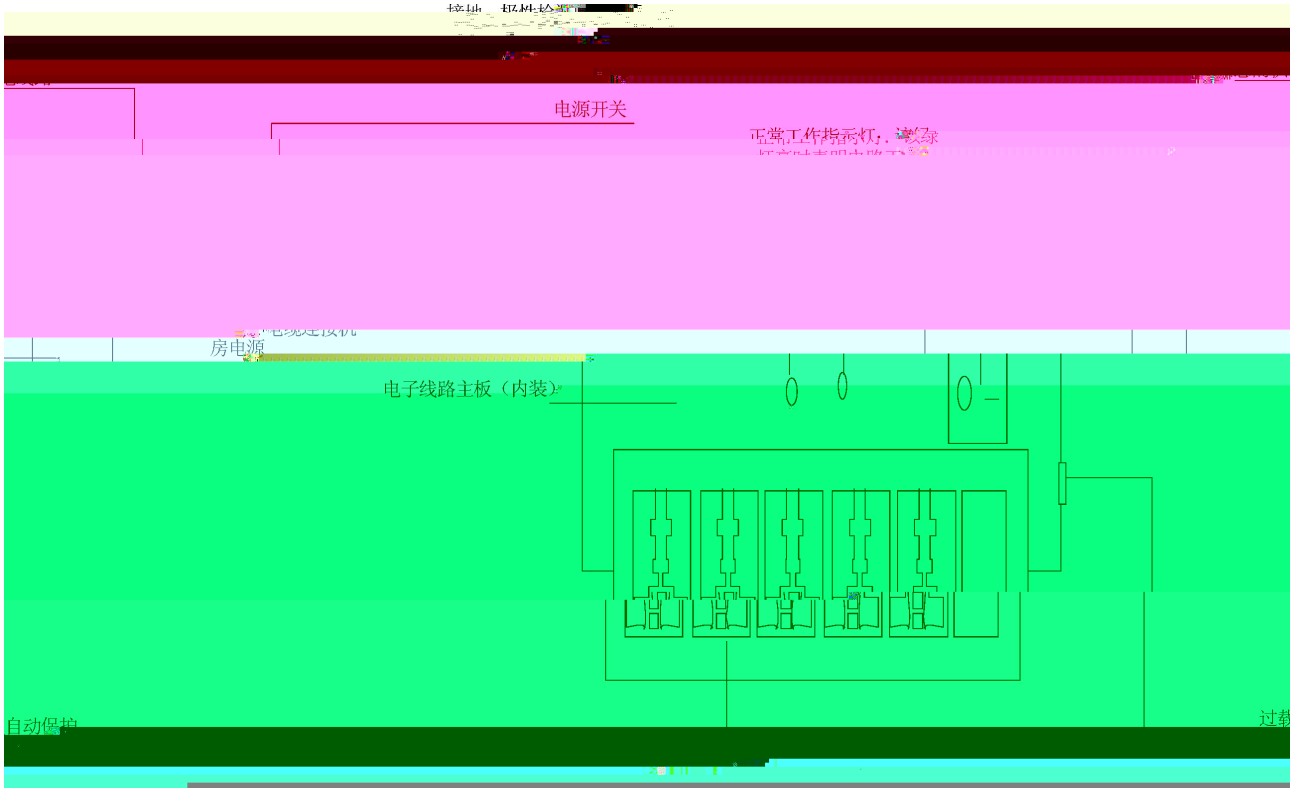
FC

FC

	(nm)		(um)	(MHz• km)		(dBm)		(dBm)		DDM (Yes/No)
						min	max	min	max	
FC2G-SFP-SR-MM850	850	(LC)	62.5/125 50/125	N/A N/A	300m(1G) 150m(2G) 550m(1G) 300m(2G)	-9	-3	-18	0	

C ——

C-1



PE

PE

PE

1)

2)

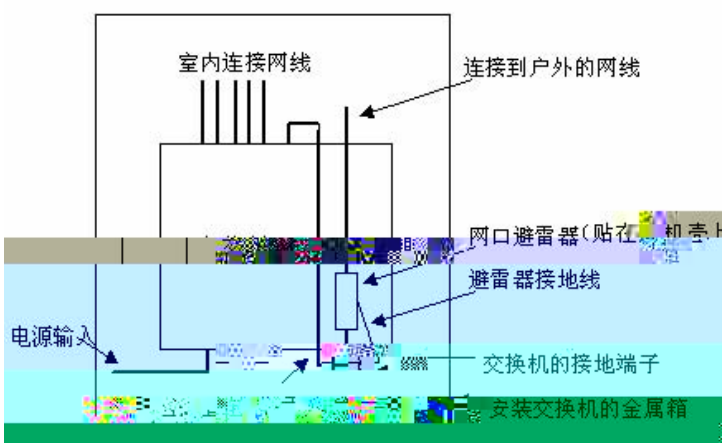
3)

4) IN

OUT

5)

C-2



10/100M RJ-45

“IN” “OUT”

D ——

RG-S6220 19

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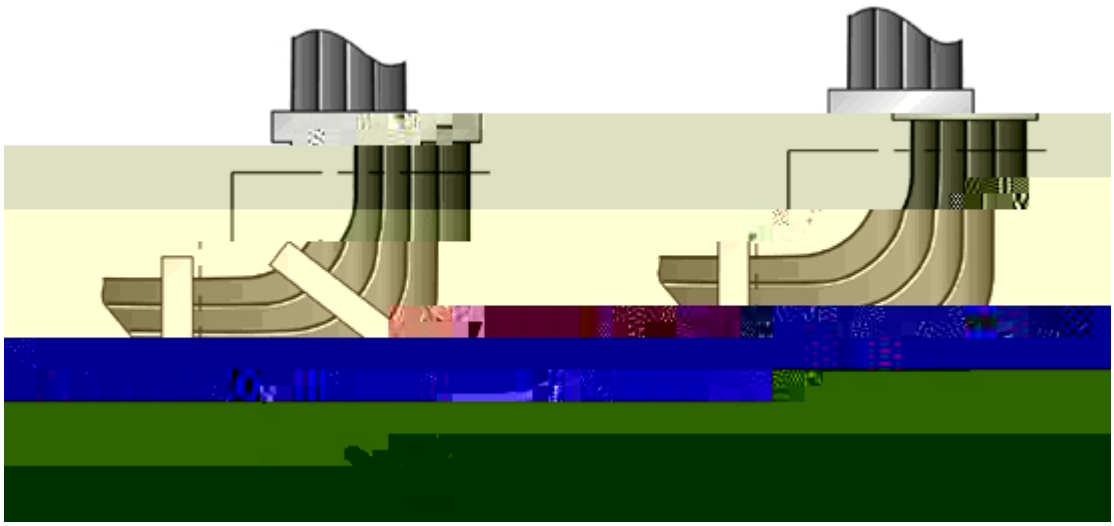
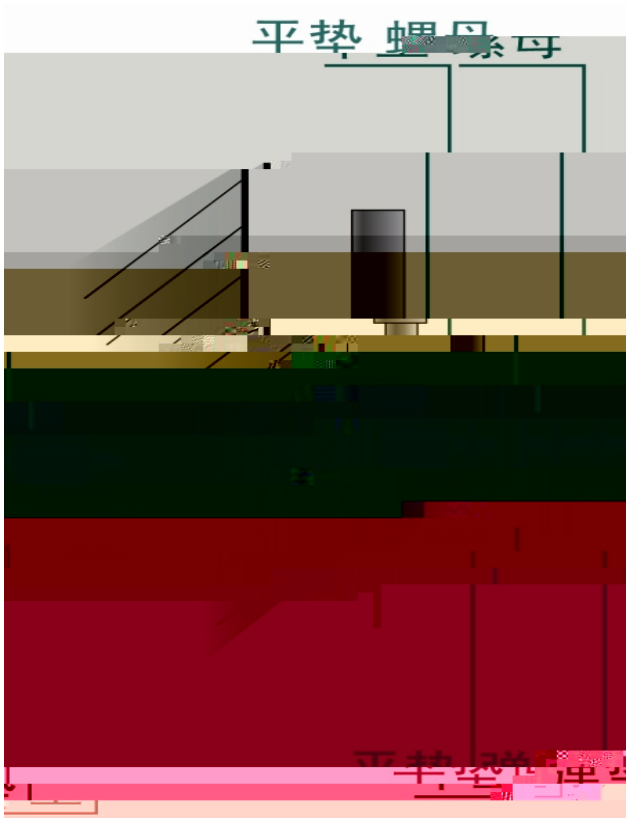


D-4

D-4



mm	mm
10	80~150
10~30	150~200
30	200~300