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7*24h

7*24h

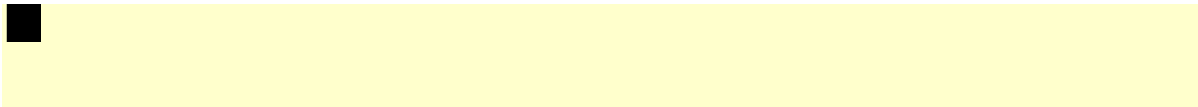
4008-111-000

4008111000@ruijie.com.cn

doc@ruijie.com.cn



APP



RG-S6220

3+ G Ö ' j _K@ \$5+5

8 k.D , ' M' A 2] ö . ' Q ö Ö ~ 7 v 9 r

IPv6 - ? Ö ' j Ê k ? ± Å + X ¼ Z] ö j

8 Ê j \$ 7 7 v Ö , ' = Ñ ~ E w 6 \$ ¼ Ö • Å

RG-S6220

3+ G Ö ' j - } È 3 ln kj Ö

x ñ » '	10 G SFP+	10GB ase - T	40G QSFP+	24/8G SFP	
	Z5+1	Z5+1	Z5+1	FC Ö	



RG-S6220-48XS4QXS V1.XX

10G/40G

DAC

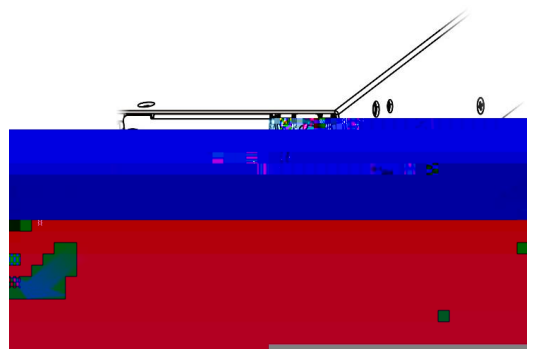
Direct Attach Copper

SFP+

USB2.0

()

1-4 RG-S6220-48XS4QXS



RG-S6220-48XS4QXS V1.XX

■ USB Universal Serial BUS USB

USB
USB

USB USB

■ Console RS-232 RJ45

■ 10/100/1000M RCMI RJ45
DCMI Data Center Manageability Interface

DCMI PC DCMI

 DCMI

■	SFP+	48	10G QSFP+	DAC	1000Base-X
■	QSFP+	4	40G QSFP+	DAC	4x10G
■	FC	8	2G/4G/8G Fibre Channel	1-8	SFP+

Status ▶

RCMI	RCMI				
			AC		
			Link up		
			Link up	1000M	
			Link up	10M	100M
		/ /			

Fan

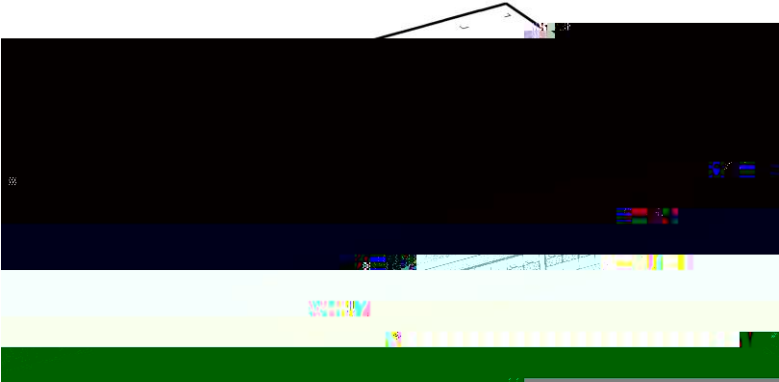


20cm

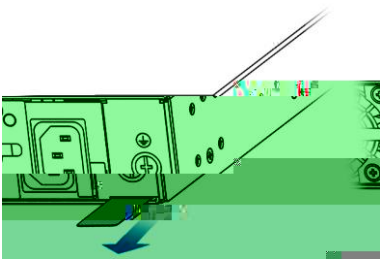


3

	RG-S6220-48XS4QXS V2.XX XX	
CPU	1.0GHz	
BOOT ROM	8MB	
Flash Memory	512MB	
SDRAM	DDR3 2GB	
	3	2
	2+1	
	M6220-FAN II-F	
	2	1+1
	RG-M6220-AC460E-F	
	AC 100-240V~ 90-264V~ 50-60Hz 5.29A-2.2A	HVDC 192-290VDC 2.66A-2.03A
	<180W	



1-7 RG-



RG-S6220-48XS4QXS V2.XX

- USB
- Universal Serial BUS
- USB



USB		USB		USB	USB
■ Console	RS-232			RJ45	
■ 10/100/1000M MGMT				RJ45	
■ SFP+	48 10G QSFP+			DAC	1000Base-X
■ QSFP+	4 40G QSFP+			DAC	4x10G

↓

→

	Status		
			1
			2

	A B			
				
SFP+				
QSFP+				
FC				
10Gbase-T	 A			
EMC	GB/T 9254.1			
	GB 4943.1			
	0 to 45°C			
	-40 to 70°C			
	10%	90% RH		
	11KG	4	2	
	440 * 500 * 44	L * W * H	mm	1RU

 RG-S6220-48XT4QXS

40G
B

DAC

Direct Attach Copper

QSFP+

3

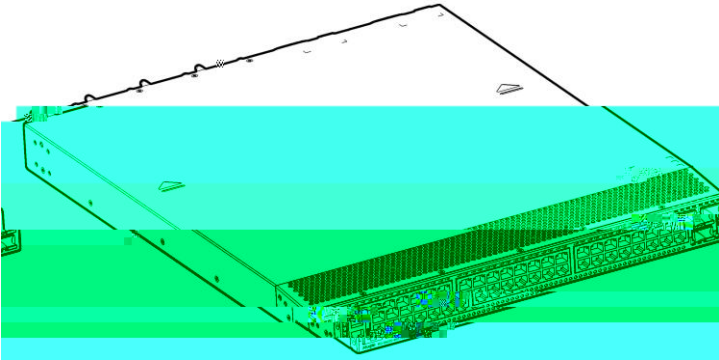
RG-S6220-48XT4QXS

- 2

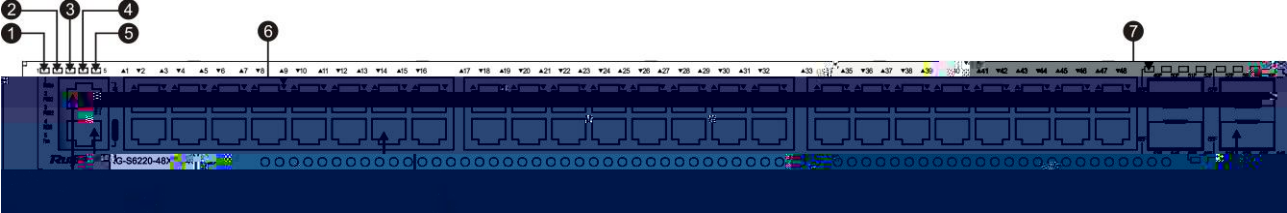
1+1
- 4

3+1

1-11 RG-S6220-48XT4QXS



1-12 RG-S6220-48XT4QXS



PWR1	40G QSFP+
PWR2	10/100/1000Base-T RCMI
RCMI	Console
	10GBASE-T RJ45
	⑪ 40G QSFP+
10GBASE-T	

- 10GBase-T

48

10GBase-T

1000Base-T

100Base-TX
- QSFP+

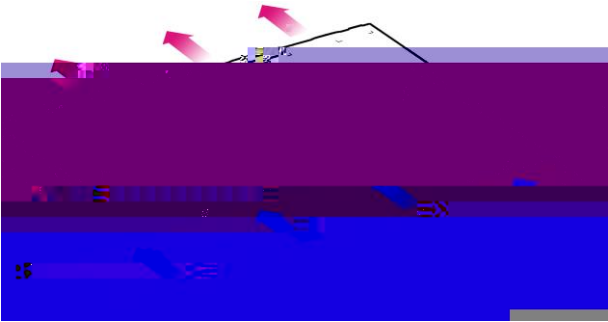
4

40G QSFP+

DAC

4x10G
- 80

	Status		1
			2
1	PWR1		
			AC
2	PWR2		
			AC
			Link up
RCMI	RCMI		Link up 1000M



20cm



3

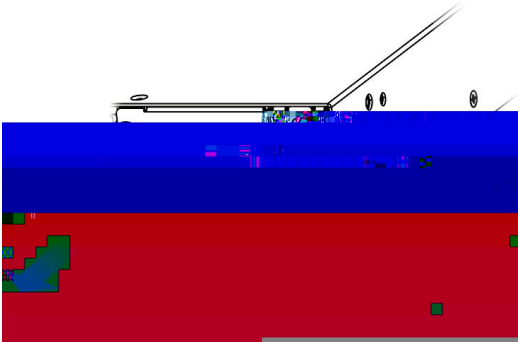
	RG-S6220-24XS
CPU	1.0GHz



USB2.0

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1-19 RG-S6220-24XS



RG-S6220-24XS

- USB Universal Serial BUS USB



USB

USB

■ Console RS-232 RJ45

■ 10/100/1000M RCMI RJ45
DCMI Data Center Manageability Interface

DCMI

DCMI

DCMI

RCMI	RCMI		Link up		
			Link up	1000M	
			Link up	10M	100M
		/ /			
	Fan				
			3		
		1 2	3		
SFP+	1F—24F		Link		
			10G/1G	Link Up	
			10G/1G		

1-22 M6220-02QXS

Status	
1F~8F, 9F	10F
40G QSFP+	

QSFP+

OSER+	OSER	OSER-
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
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83	83	83
84	84	84
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86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

QSFP+

	M6220-02QXS	QSFP+	40G	4x10G
---	-------------	-------	-----	-------

EMC	GB/T 9254.1		
	GB 4943.1		
	0 to 50°C		
	-40 to 70°C		
	10%	90% RH	
	0.5KG		
	224.5 * 110 * 36.8	L * W * H	mm

 M6220-08FC	FC	Ethernet				
 M6220-08FC	Ethernet	10G SFP+	1G SFP	10G SFP+	1G SFP	
 M6220-08FC	10G	DAC	Direct Attach Copper	SFP+	1	3
5	B					

1-24 M6220-08XT

Status
1~8
10GBASE-T RJ45

M6220-08XT 8 RJ45 10GBASE-T 1000BASE-T 100BASE-TX

	Status		
	1-8		Link up 10G/1G/100M Link up

	10Gbase-T 1000Base-T 100Base-TX
	A

RG-S6220-48XS4QXS()

	243.2 * 86.4 * 39.9 L * W * H mm
	10A

M6220-DC460E-F RG-S6220

RG-S6220

M6220-DC460E-F

RG-S6220

-48V

	RG-S6220
	

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120VAC	0.5mA	240VAC	1.0mA
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RG-S6220

20cm

3



RG-S6220

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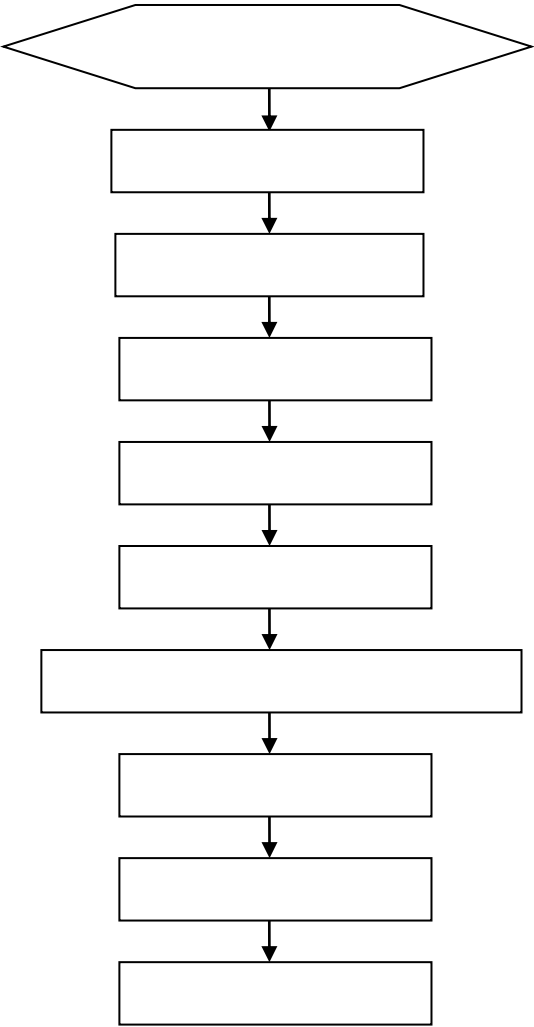
RG-S6220-24XS

$\geq 0.5 \mu\text{m}$	/ m^3	$\leq 3.5 \times 10^6$
$\geq 5 \mu\text{m}$	/ m^3	$\leq 3 \times 10^4$

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 RG-S6220





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5mm

RG-S6220

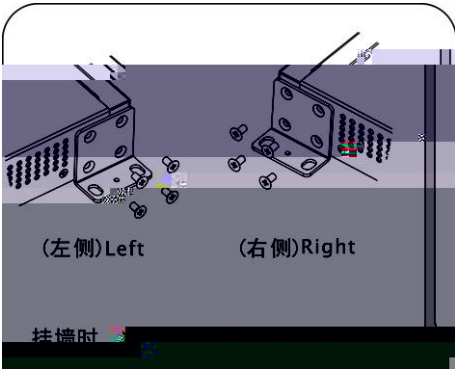
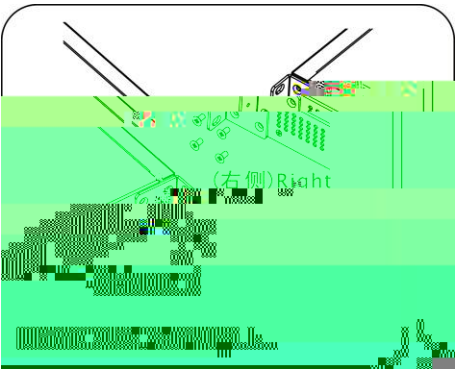
10mm

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1 L 8 M4*8FMO

2 4 M4*8FMO

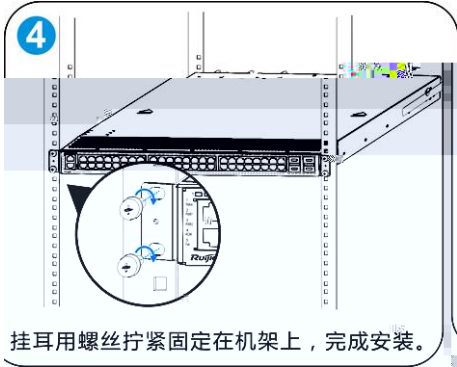
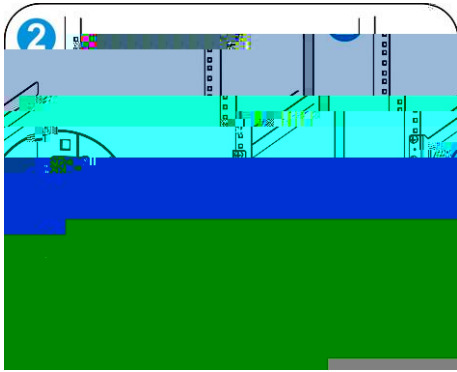
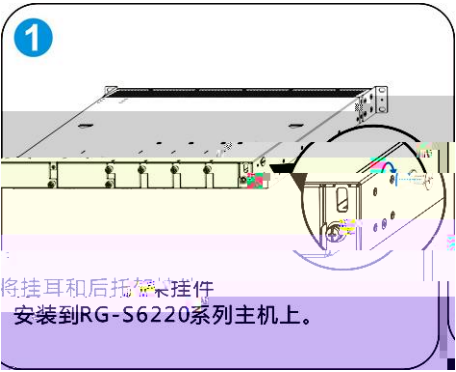
3-1



RG-S6220 EIA
RG-S6220

19

3-2



800mm – 1200mm

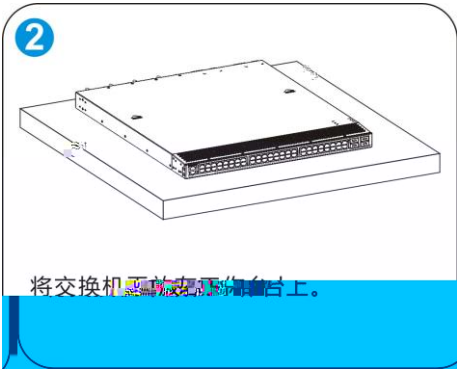
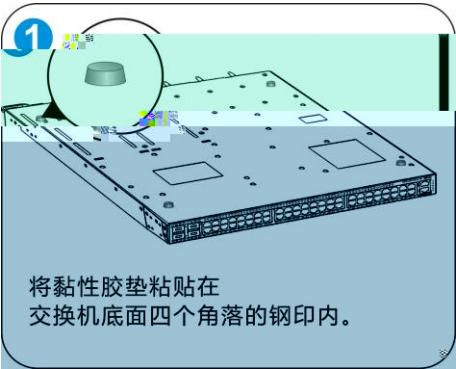
19

1

4

2

3-3

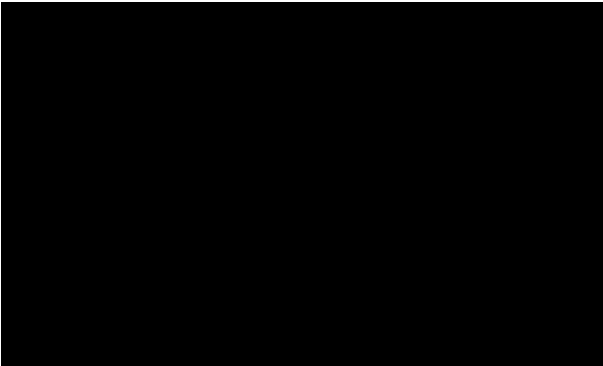


1)

2)

3)

3-4

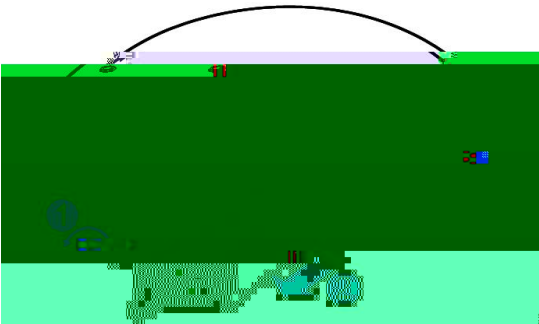


1)

2)

3)

3-5



M6220-FAN-F

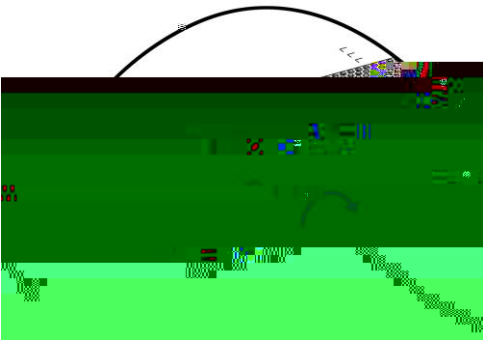
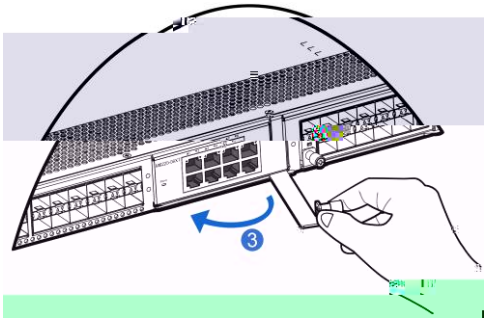
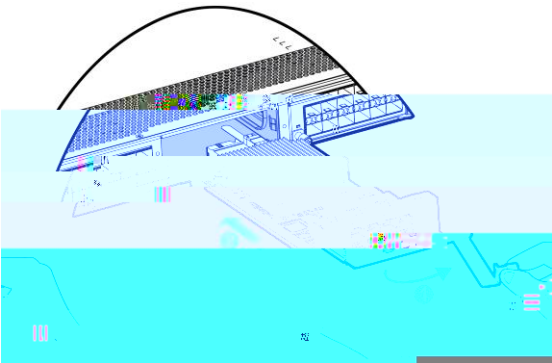
M6220

1) RG-S6220

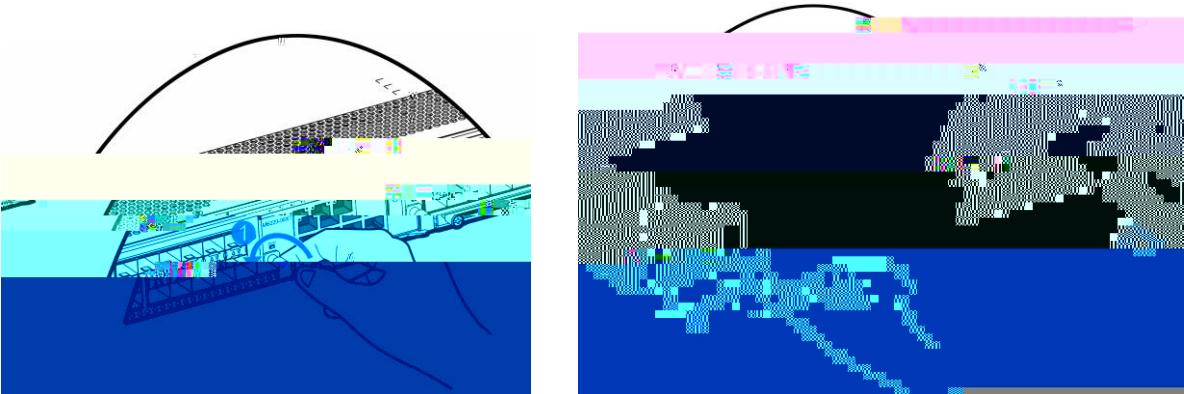
2)

3)

3-6



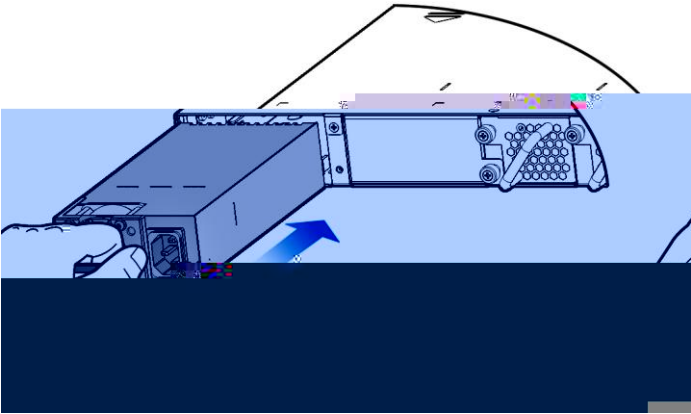
- 1) RJ45
 - 2)
 - 3)
 - 4)
- 3-7



M6220

- 1)
- 2)

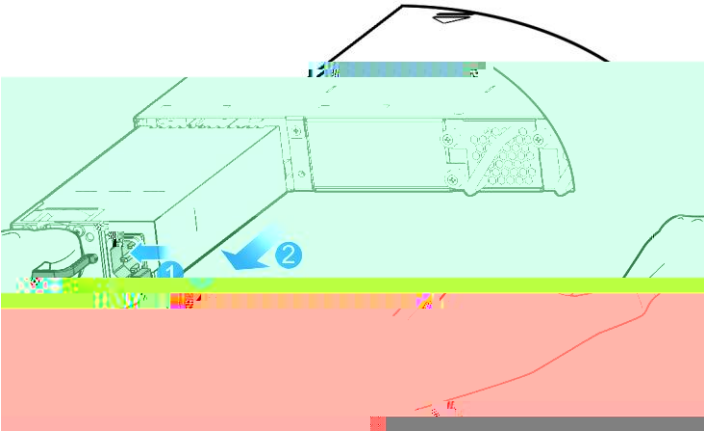
3-8

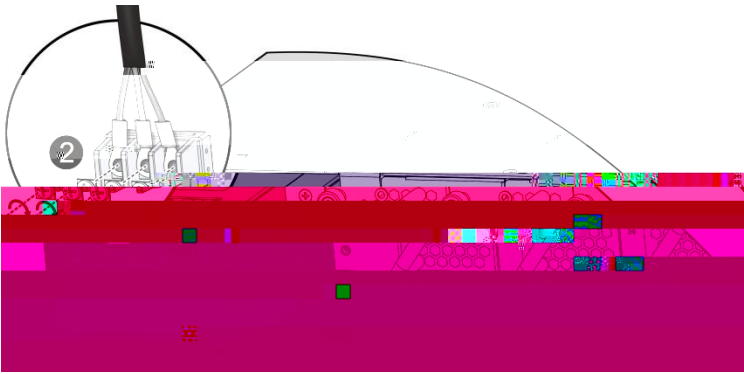


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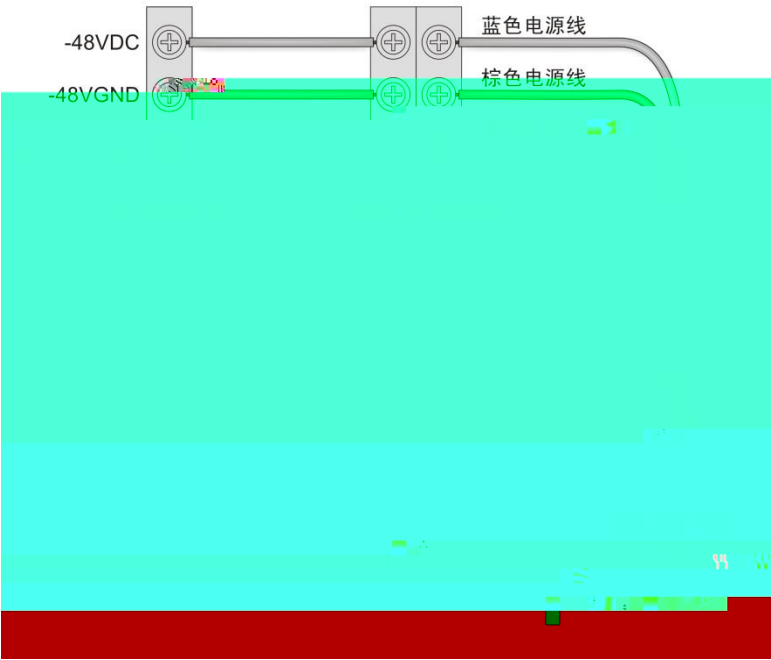
2)

3-9



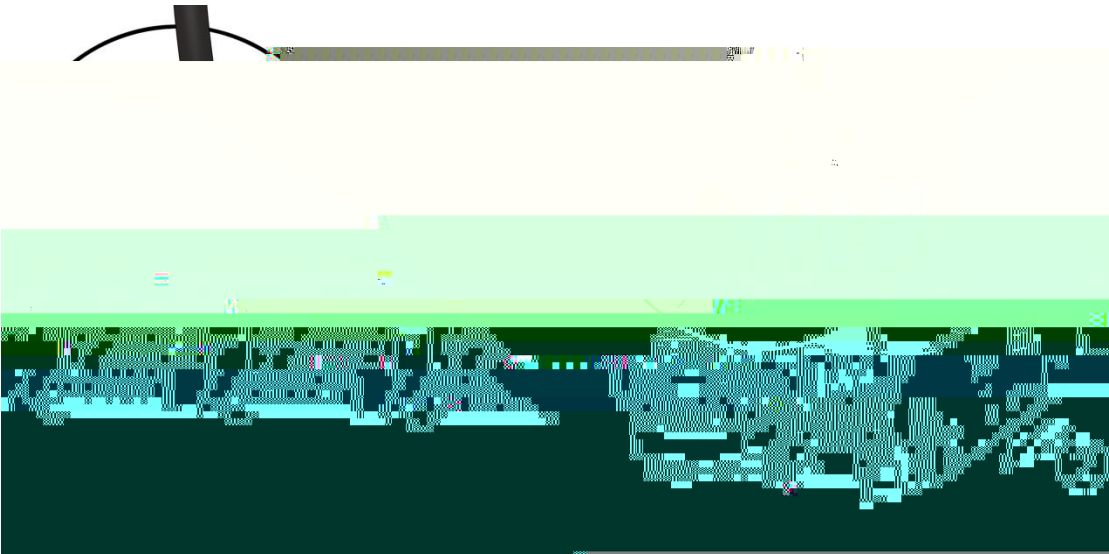


3-11



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- 2

“ ”
/ W



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- 2 (3-12)
- 3

RG-M6220-DC460E-F

RG-S6220

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- 1Ω

1

2.5 12AWG

RJ-45		Console	DB9
9600	8	1	

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- 1)

RJ45

RCMI
- 2)

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- 3)

RJ45

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- 1)
- 2)
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PC Console 4-1

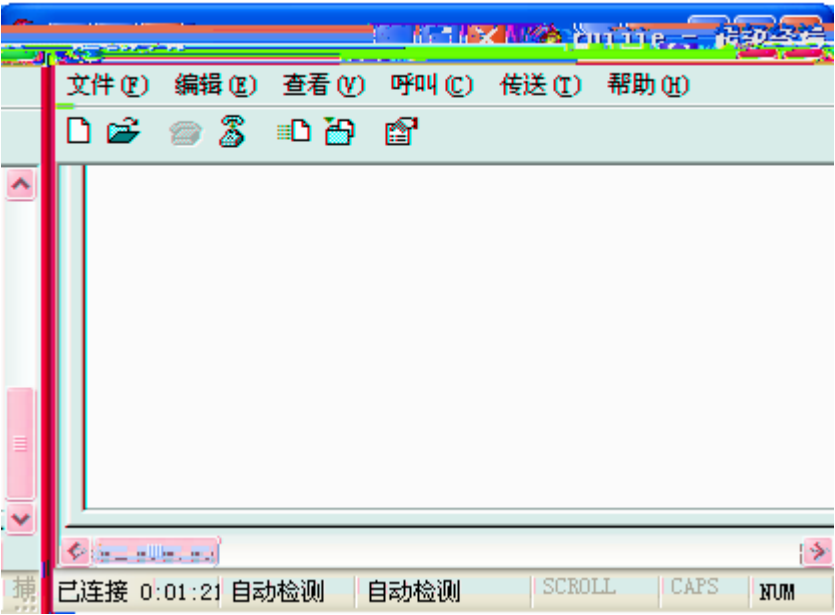
4-1

- 1) DB-9 PC
- 2) RJ45 Console

■ PC PC Windows3.1 Terminal Windows 95/98/NT/2000/XP

■ 9600 8 1

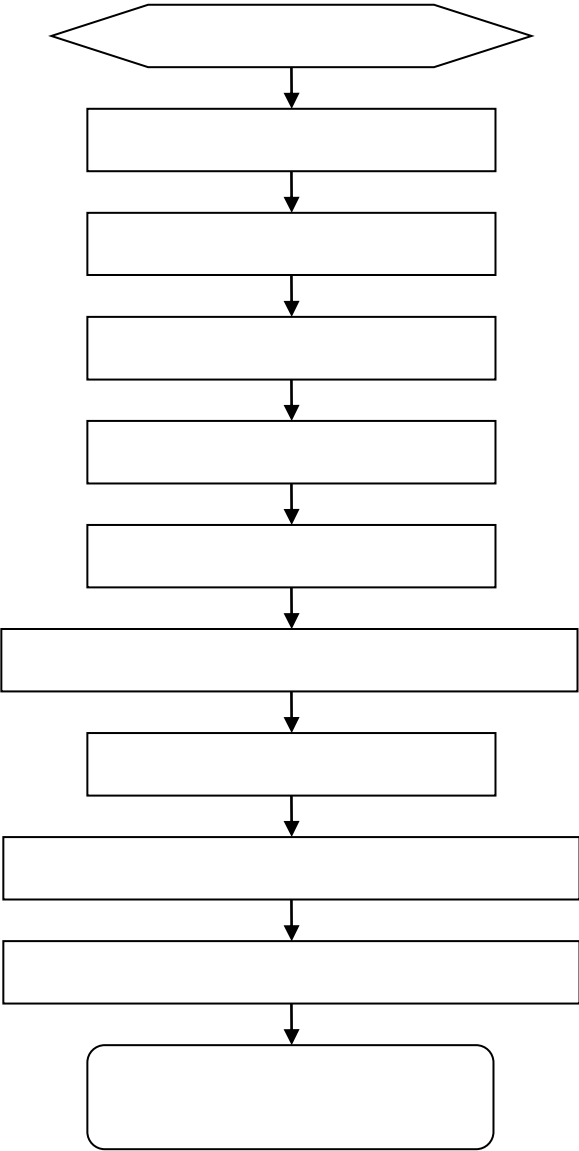
- 1) “ ”_ “ ”_ “ ”_ “ ”_ “ ” 4-2
- 4-2



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PC

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Status

Status

,

link

1

2

1310nm

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

Crossover

MDI/MDIX

10GBASE-T

IEEE 802.3an

10GBASE-T

4

4

10GBASE-T

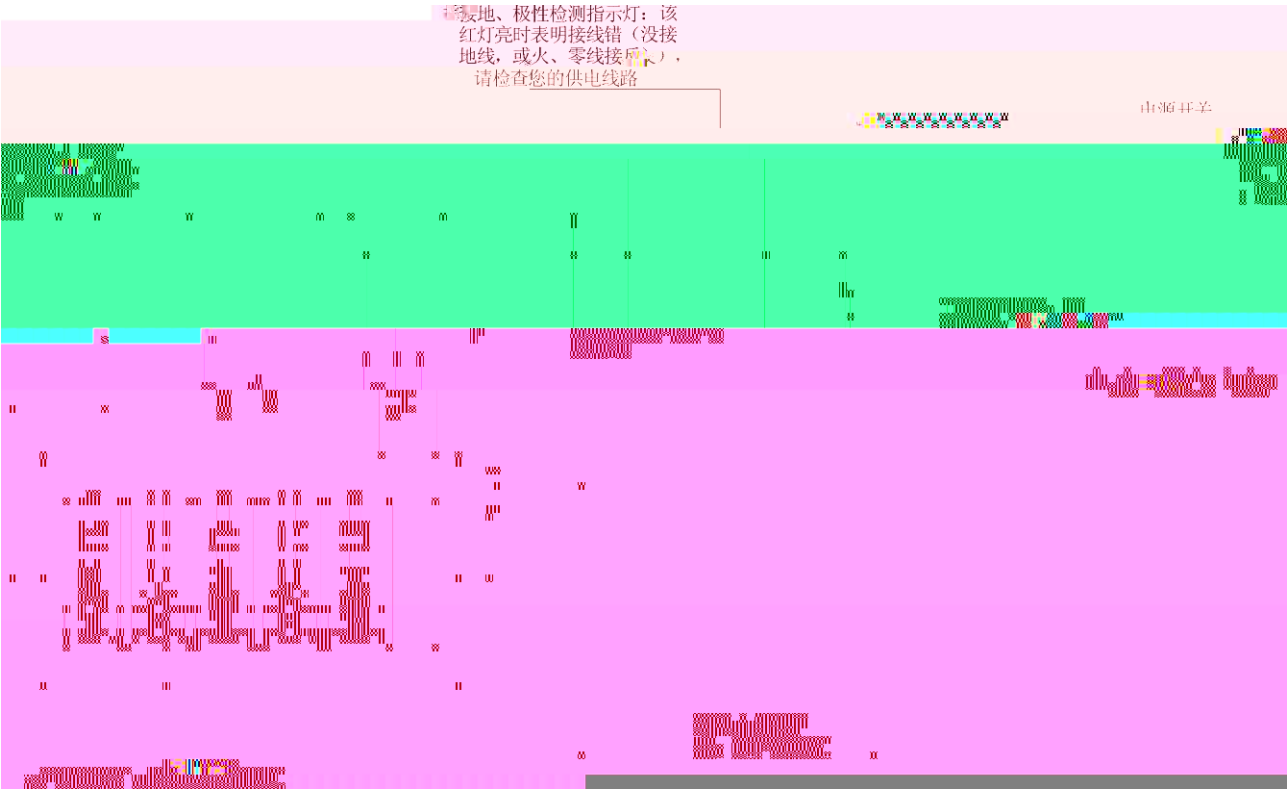


				SFP	Mini-GBIC	SFP+	40G
QSFP+	FC						SFP
SFP+	40G QSFP+	FC				Mini-GBIC FC	

	(nm)		(μm)	(MHz · km)		(dbm)		(dbm)	
						min	max	min	max

	(nm)		(um)	(MHz · km)		(dBm)		(dBm)		DDM (Yes/No)
						min	max	min	max	
FC2G-SFP-SR-MM850	850	(LC)	62.5/125	N/A	300m(1G) 150m(2G)	-9	-3	-18	0	YES
			50/125	N/A	550m(1G) 300m(2G)					
FC4G-SFP-SR-MM850	850	(LC)	62.5/125	N/A	300m(1G) 150m(2G) 70m(4G)	-9	-2.5	-15	0	YES
			50/125	N/A	550m(1G) 300m(2G) 150m(4G)					
FC8G-SFP-SR-MM850	850	(LC)	50/125	N/A	300m(2G) 150m(4G) 50m(8G)	-8.2	-3	-18	0	YES
			50/125	OM3	500m(2G) 380m(4G) 150m(8G)					

C-1



PE



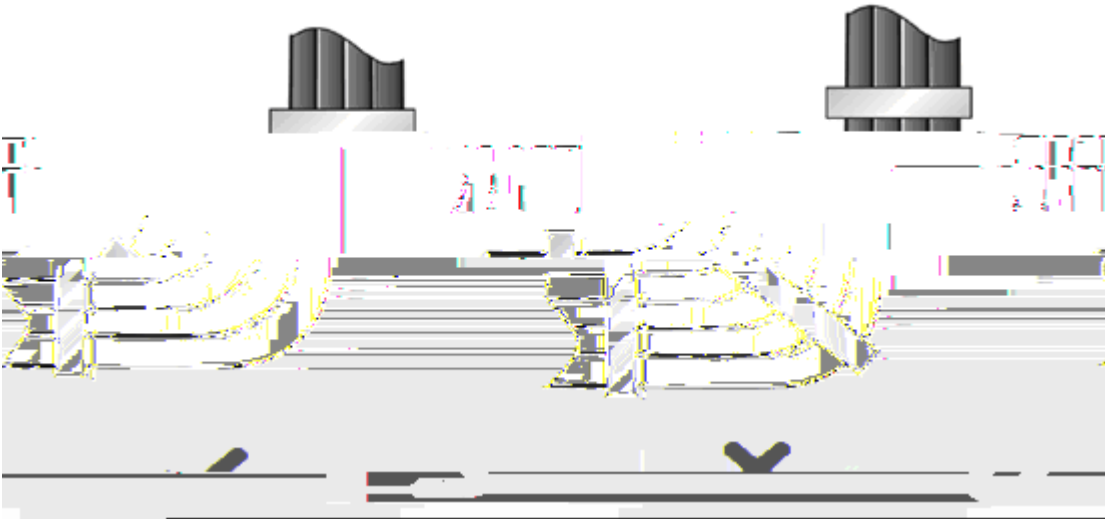
PE

PE



30mm





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