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copyright © 2022

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2. ý

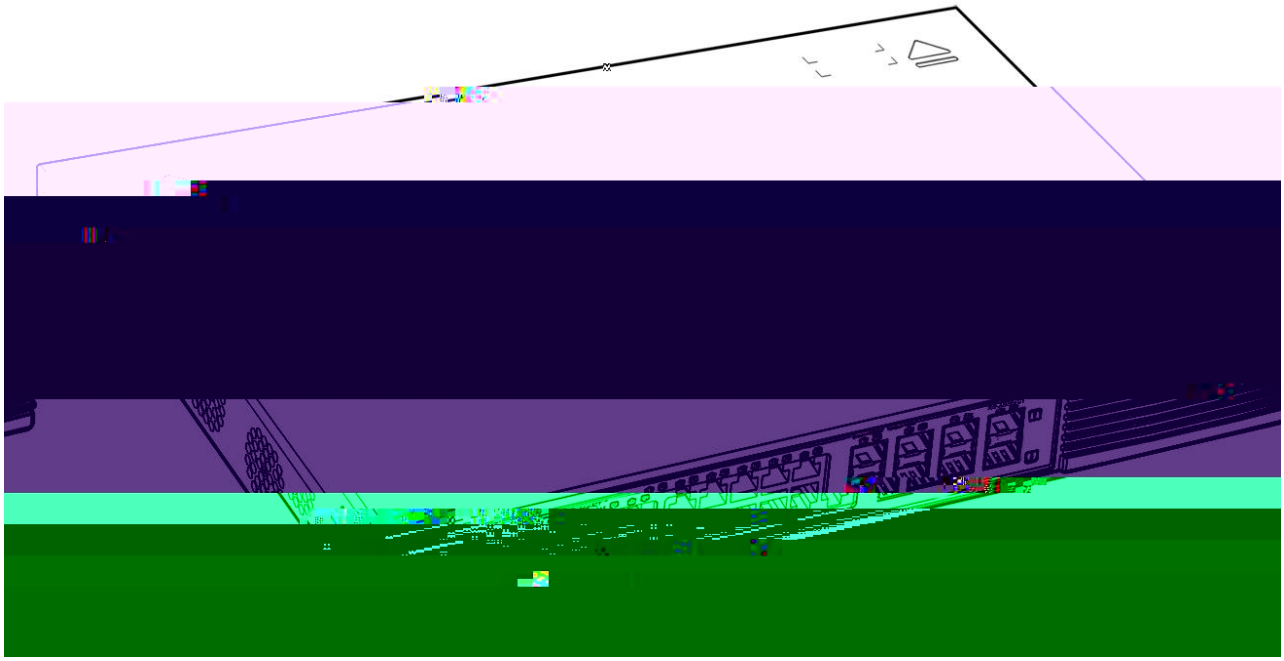
Mini-GBIC-ZX80

Mini-GBIC-ZX100

- 1000Base-T

Mini-GBIC-GT

e 7,º • W •,º2± Á / Á - 'l ^ 75# * æ c ¸9 ÞM6?· * p ü.¤,º W • Á - ¸B-6Š31KF
-5‡5 <ÊpŽ ŽÌ l e ½ eW e•,º2±ŽÁ>



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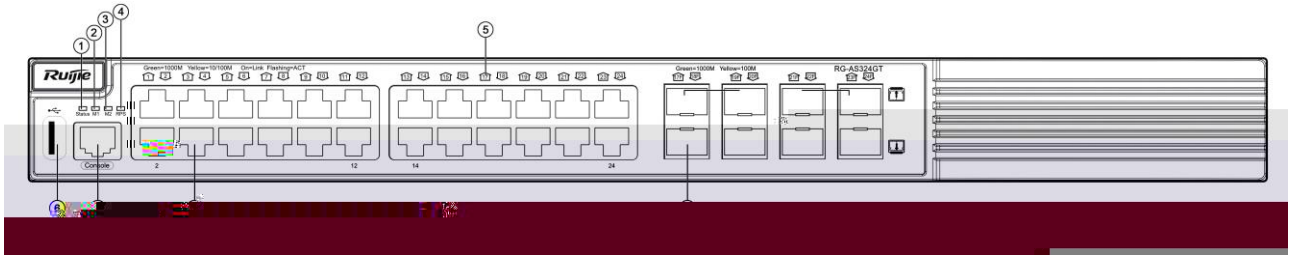
يد 1-2 RG-AS324GT ╠ يد



1		6	USB o
2	ضي 1 شجِ	7	Consoleo
3	ضي 2 شجِ	8	10/100/1000Base-T o
4	RPS	9	100/1000Base-X SFP o
5	o		

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يد 1-3 RG-AS324GT U يد

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1	ض		4	RPS	٥
2		٥	5		1 شجـ
3			6		2 شجـ

			٥ 100/10M ٿ

1.2 RG-AS348GT

Pa

ڦمم ج	RG-AS348GT
CPU	CPU ٧ كح 800M
BOOTROM	8M
Flash Memory	128M
SDRAM	DDRII 256MB
قمم شجـ	■ FE-SFP-LX-MM1310 FE-SFP-LH15-SM1310 FE2 449.69 re W* n BT /F1 9 Tf 1 0 0 1 204.41 522.07 Tm 0.2 g [(-)] TJ ET Q q 62 BD

RPS قمم	RG-RPS150
	AC ا مخ 100-240V~ ا مخ 90-264V~ 50/60Hz 2A ا HVDC ا مخ 192-290VDC مخ 0.7A-0.5A
w	82W شجـ 66W شجـ
	0℃ ∫ 50℃
	-40℃ ∫ 70℃

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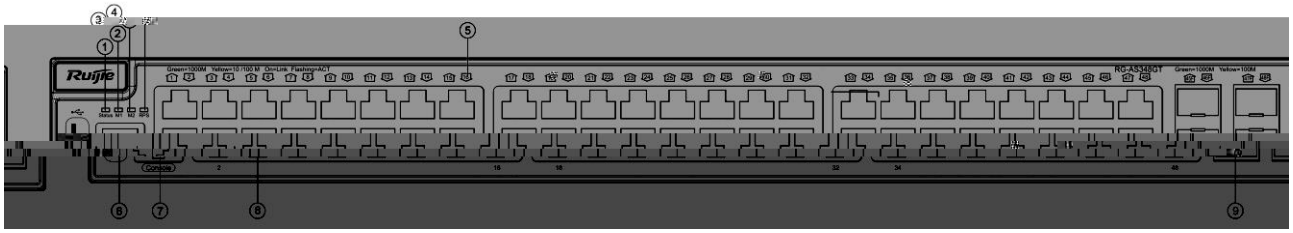
يح 1-6 RG-AS348GT ╠ يح



1		6	USB ٥
2	٥ 1 ضي	7	Console٥
3	٥ 2 ضي	8	10/100/1000Base-T ٥
4	RPS	9	100/1000Base-X SFP ٥
5	٥		

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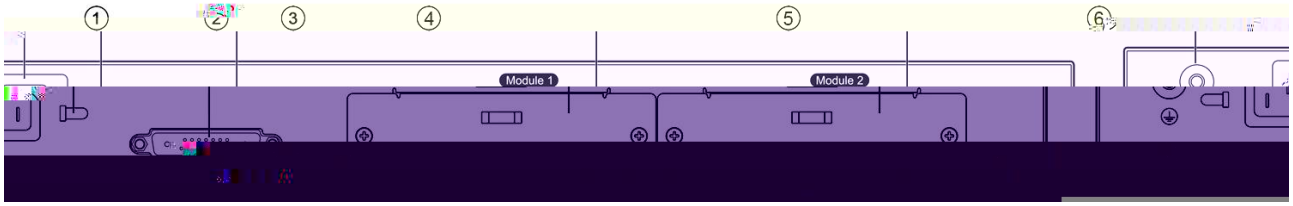
يح 1-7 RG-AS348GT U يح



1	ضر	4	RPS ٥
2	٥	5	1 شج
3		6	2 شج

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RG-AS348GT ˆ ï

AC

- ٦ مخ 100-240V~
- ٦ مخ 90-264V~
- 50/60Hz
- 2A
- 10A

٦ HVDC

■ ا مخ 192-290VDC

■ مخ 0.7A-0.5A

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Í •+k$Æ Û -$ ƒ % D G .+U Ý,º RPS150 Gƒ • µ+^ ¸ `5 B* D,º ¬ ¹+k$Æ Ý ÷ C Í ’ p ¬EÉ ›$Æ ¸ \ O %73 < 2 8* b Ý ÷ ’ 8 n L • … b Ý ÷ >

RG-AS348GT ضي ضي ضي ï U 10cm 3

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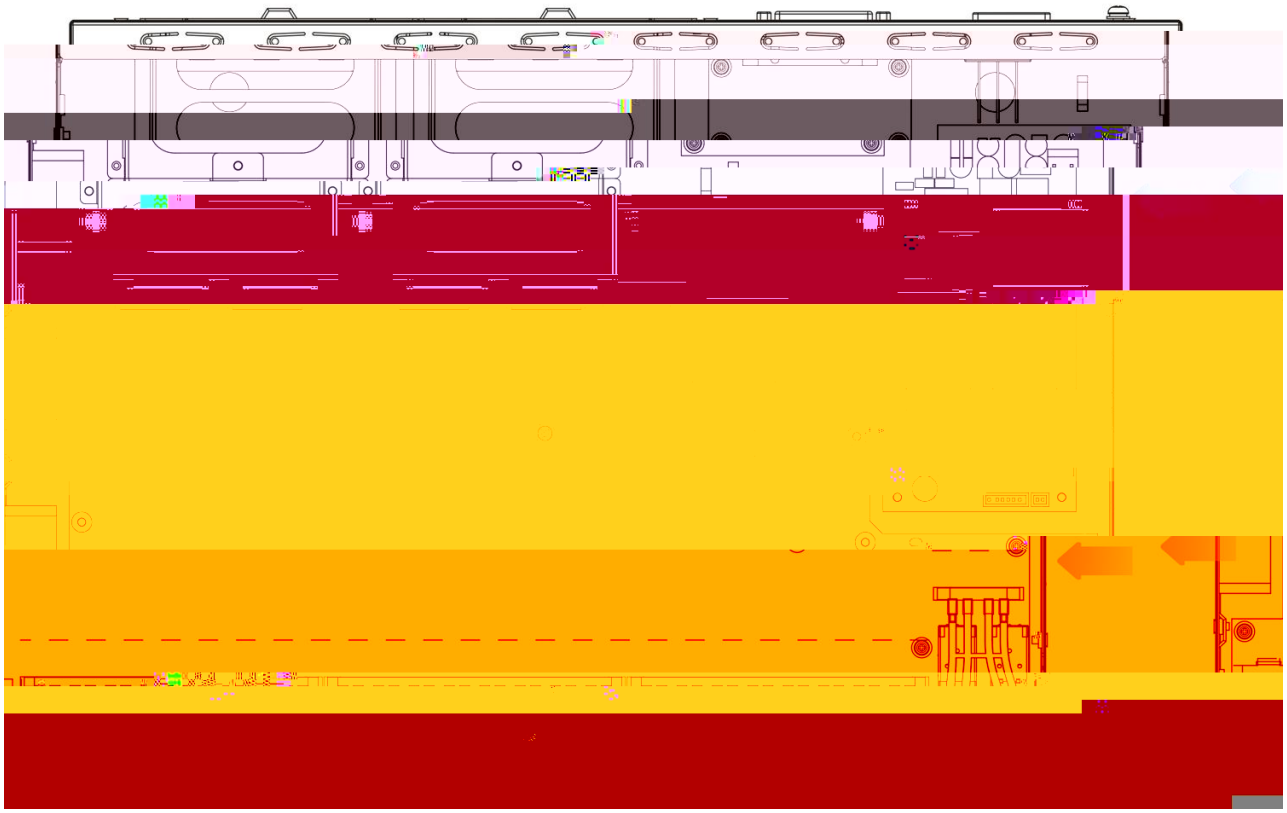

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	GE-SFP-LX20-SM1550-BIDI GE-SFP-LH40-SM1310-BIDI GE-SFP-LH40-SM1550-BIDI Mini-GBIC-ZX50 Mini-GBIC-ZX80 Mini-GBIC-ZX100 ■ 1000Base-T Mini-GBIC-GT e 7,º • W •,º2± Á / Á - 'l ^ 75# * æ c ¸9 ÞM6?· * p ü.¤,º W • Á - ¸B-6Š31KF - 5‡5 8 p ð Ž L ¶ e e 7 ð Ž > BIDI • W • ûN±Gƒ / µ+^ ¸ Á ¸ 61% µ+^ ¼ FE-SFP-LX20-SM1310-BIDI ¸ L 61% g û N± µ+^FE-SFP-LX20-SM1550-BIDI > BIDI • W •B 4üGƒ / ©31B- ø69 b ½>ž B-2 >
قمم شج	M300-02XS
SFP ه	100Base-X 1000Base-X
RPS قمم	ĭ
	AC ا مخ 100-240V~ ا مخ 90-264V~ 50/60Hz 2A ا HVDC ا مخ 192-290VDC مخ 0.5A-0.24A
w	ĭ 50W ا 34W ا ا 48W ا 33W ا
	0℃ ⌠ 50℃
	-40℃ ⌠ 70℃
	10% ⌠ 90% RH
	5% ⌠ 90% RH
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EMC	GB

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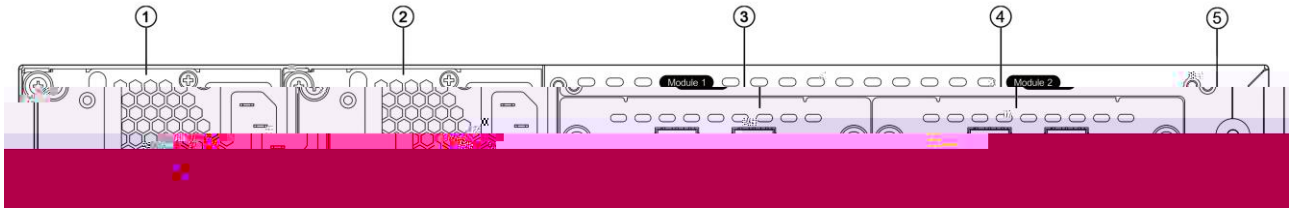
RG-AS324GF	╠	24	1000BASE-X SFP	₀	8	⅄	RJ45	₀	1



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	PWR1/PWR2		ضي
			ضي AC
ضي شجـ	M1/ M2		شجـ شجـ
			شجـ
1000Mbps SFP o	1F-24F		o Link
			o 1000M Link Up
			o 1000M ΰ
			o 100M Link Up
			o 100M ΰ

RG

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٦ٌمم	nm	٦مم		MHz/km		٪ ‰
XG-SFP-SR-MM850	850	(LC)	62.5	200 160	33m 26m	IEEE802.3
			50	2000 500 400	300m 82m 66m	
XG-SFP-LR-SM1310	1310	٧ (LC)	9	N/A	10km	

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2.1.1 G

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2.1.2

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- ـ غ
- ـ ╠ ٧

2.1.3

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- ضي ٧ ٦ ضي ضي ٦ ضر ضر ضر ضر ٦
- ضي ╠ ضي Ŭ ®
-
-
- ضر ضي

RG-AS324GF 315 ? C 6 —EÉ › ¸ ©L#315 ƒB-.¤ ã 6 v ?,º+k$Æ4õ >

C?ú99 = C!™.¤,º+k"J ' %73 KC-&¡&´ L+k 11• E L Á { ¸ ¬ / ð ‰ ÂAô =FV F [H =8* ³,º Z é >

-* Û LFPEý%¤$µ(Ÿ ‰ Û Û@ Q Á = 8+k ¸ %73 \ ›8* ³ §LŸ >

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2.1.5

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RG-AS3GT ↓ غ

0℃ -50℃	10%-90%

Aô = ’)å ¹$_ =$µ Ü,º#•H &ï ¸ = ^Aô = p ì ƒ D"× ? Ú µ ,#•H ¸D f µ 1.5m Q Ü ¸ ¬D Aô = ƒM˜ µ 0.4m :,º#•H ¦ r >

2.2.3 MÓ.

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	˧˥	ح
≥ 0.5 µ m	/ m3	≤ 3.5 × 106
≥ 5 µ m	/ m3	≤ 3 × 104

2.2.5 ǎ©

ضر RG-AS3GT ↓ ˆ ℒp ضر

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Ú ˜ p Û f4õ,º!™ nF Û e Ú ˜ pLhM- =Lh ¨ ¦,ºH ?· LÒ ¸ v +^ m ûN±!™.¤ Û f >

µ / ©

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¿>û5* Ú ð Ž Ê ö Ú#w Ý e \ %M–,ºF Û f 01‡(Ÿ Ú f > ¸ Ò"× ? ¸ ¿>û5* Ú ð Ž Ê µ+^ 6 o Ú Û f 24õ Ú#w Ý Ú Û f1% †F Û f 01‡(Ÿ Ú f >

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Aô = ¿>û , ¸ ûN±.¤ Û fF Û 6 ~ ÛFP Â 6 D ã 6 >

Ú] Û f 24õ `M˜0% Ê8) G 0.75 © ï"!2© ´ 18AWG µ

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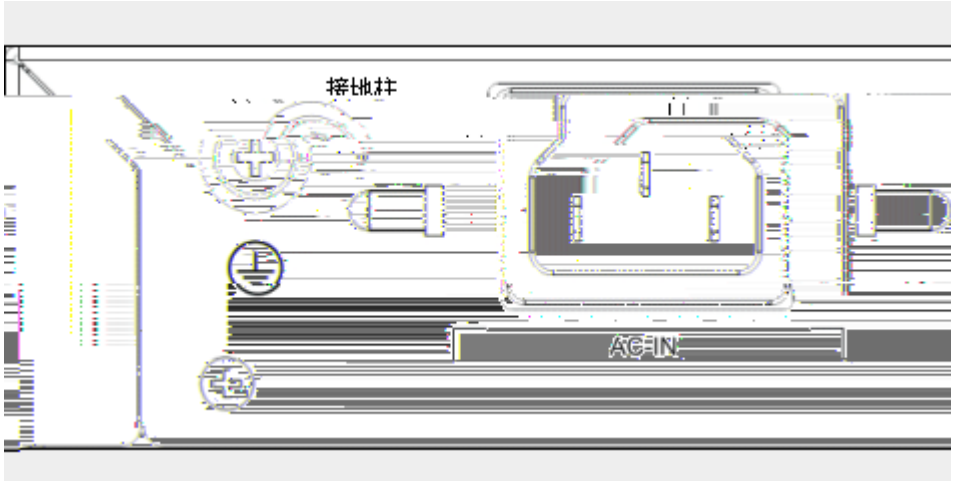
يح 2-1 RG-AS3GT ↓ ضر يح



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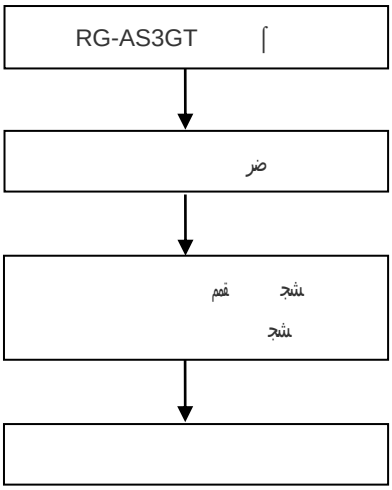
3.1 GB



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3.3 G RG-AS3GT

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RG-AS3GT ↓ EIA ‰ ˜ ضي 19

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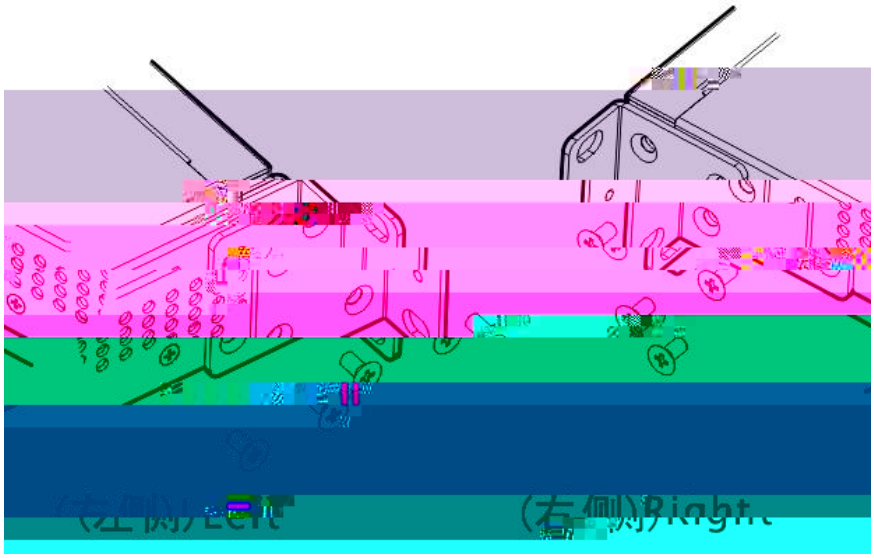
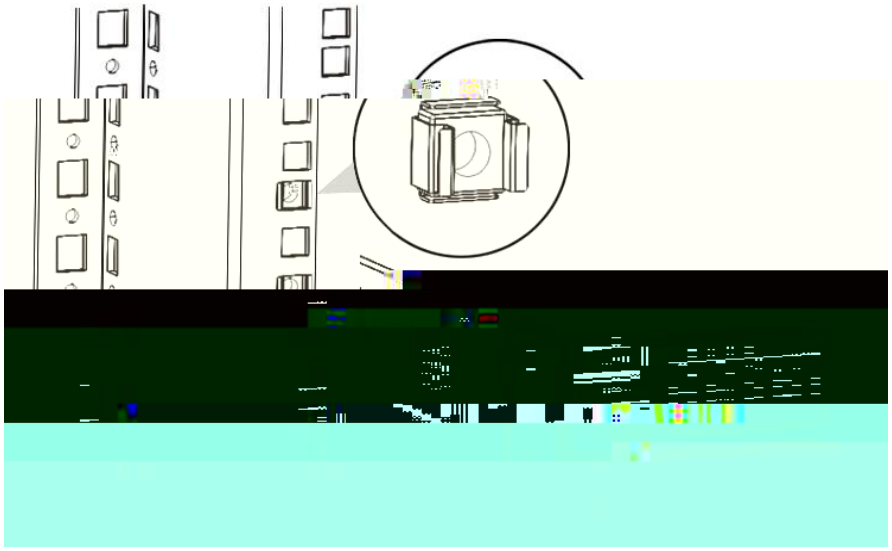
يح 3-1 يح



يح 3-2 M6 غ ˗ ɜ نهـ

ضي ╠ U يح 3-3

يح 3-2 يح



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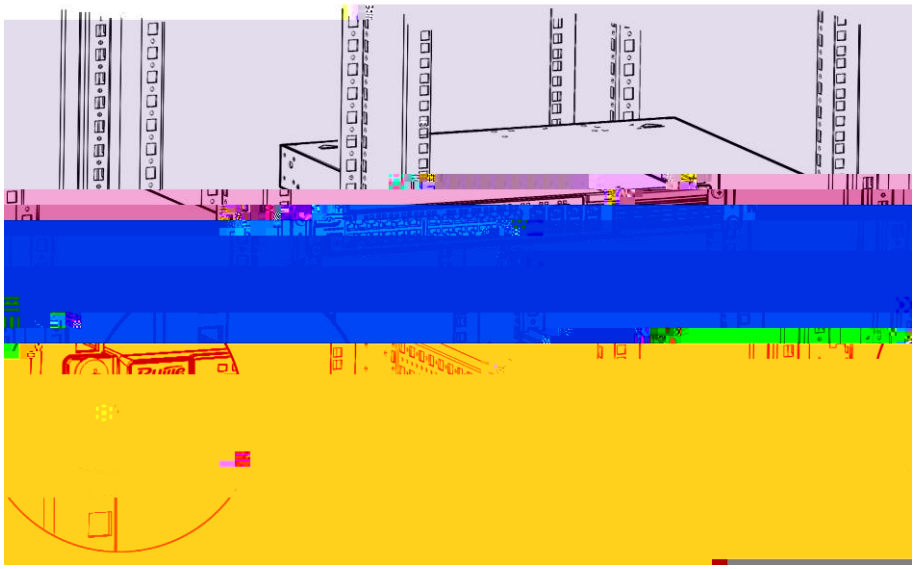

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RG-AS3GT ↓ ˜

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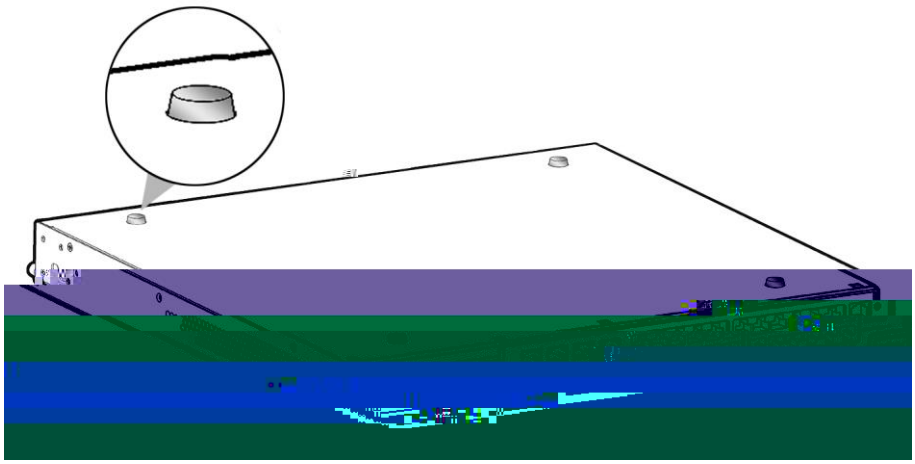
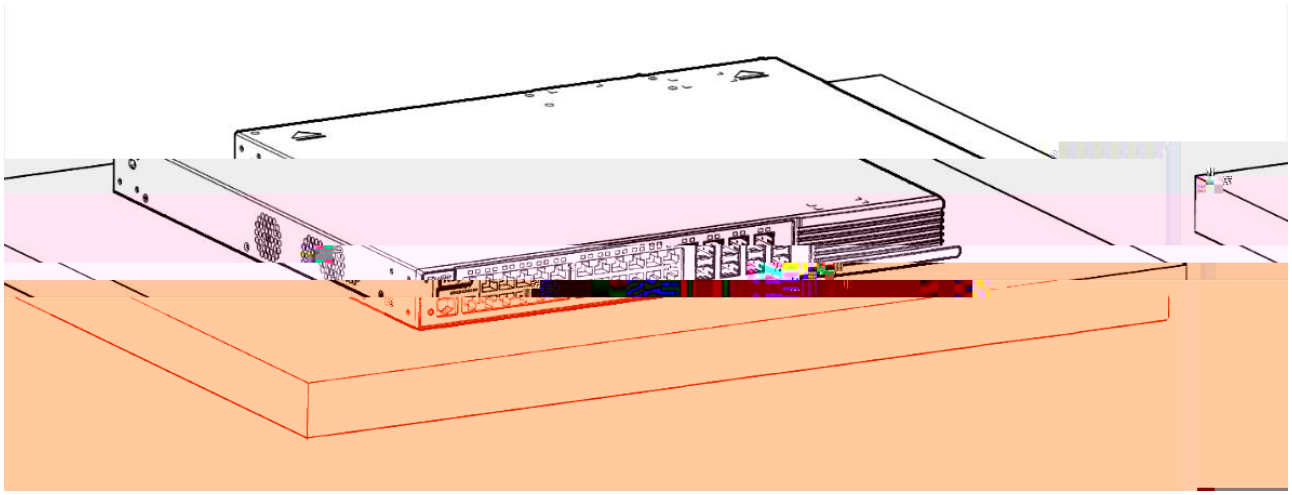
RG-AS3GT ↓



3-7 يح ضر مخ ضي

3-7 يح يح



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4.1 ǐ

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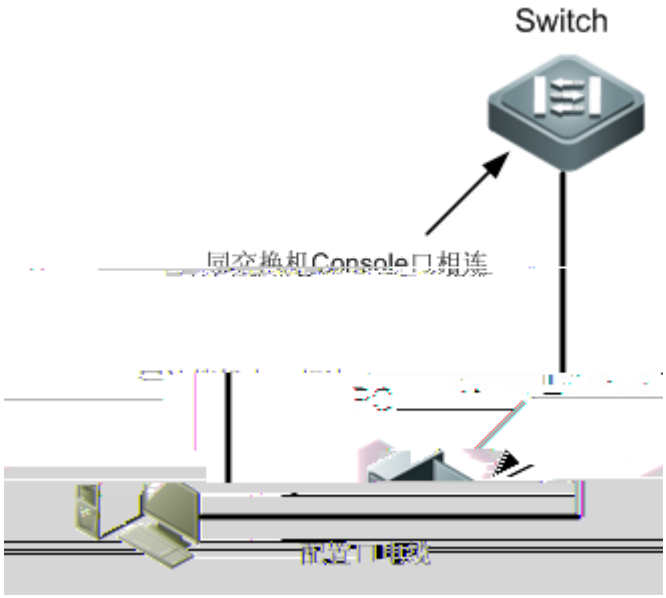
PC Console。

ﾐ 4-1 ﾐ



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DB-9 ⌠ PC 。

RJ-45 ⌠ 。 Console

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

ǎ ǎ 9600 8 1 L

1) Ɗρ “ ” - “ ” - “ ” - “ ” - “ ” 。 ₮ ﾐ 4-2

ﾐ 4-2

2) Ɗρ “ ǔ ” . ₮ ᴉ 4-3

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3) ض O ᴉ Ɗρ< > ₮ ᴉ 4-4 ᴉ ض

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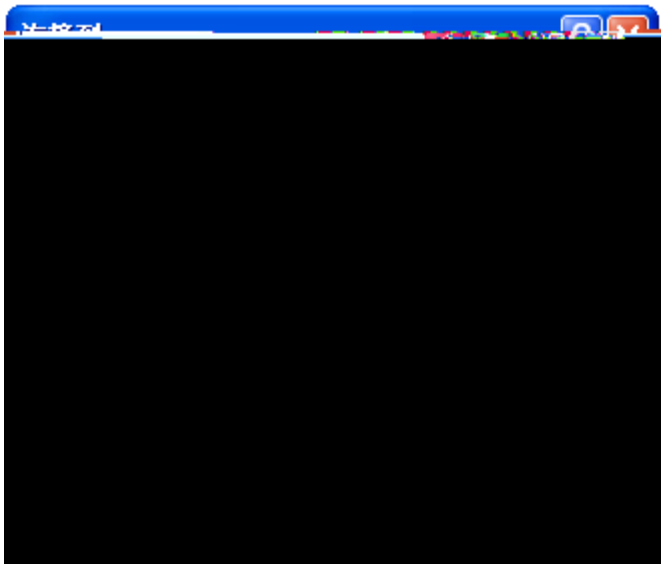
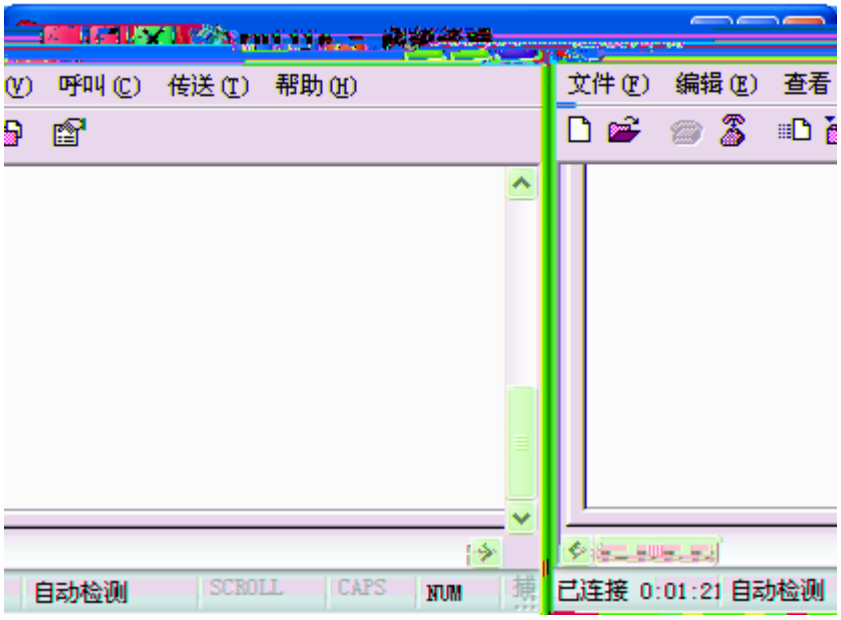


4) ｏ U ｬ ⅆρ< > ｷ ﾝ 4-5 ｏ ǎ 9600
8 1 L

ﾝ 4-5

5) ｏ ǎ U ｬ ⅆρ< > ﾝ 4-6

ﾝ 4-6



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

1000BASE-T/100BASE-TX/10BASE-T ه ضي ـ MDI/MDIX Crossover
w

1000BASE-T ـ IEEE 802.3ab ‰ 100-ohm 5 5 ٱ UTP ٱ STP
ٱ STP 100 1000BASE-T ه 4
4 1000BASE-T ه ſ ٱ يح A-1

يح A-1 1000BASE-T ضم ٱ يح

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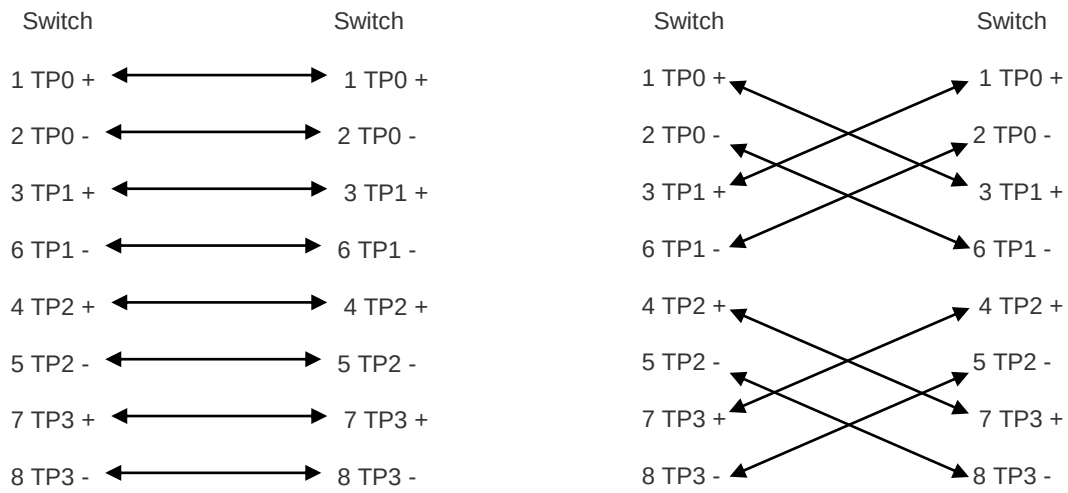


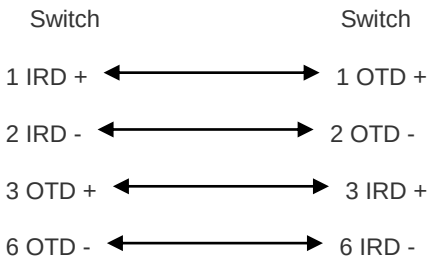
100BASE-TX/10BASE-T ٓ 10Mbps ٓ 100-ohm 3 4 5 100Mbps
100-ohm 5 ٓ 100 100BASE-TX/10BASE-T ٓ
يح A-2

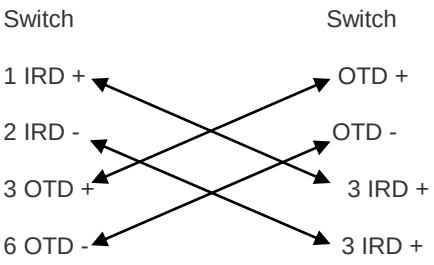
يح A-2 100BASE-TX/10BASE-T ٓ

Pin		
1	Input Receive Data+	Output Transmit Data+
2	Input Receive Data-	Output Transmit Data-
3	Output Transmit Data+	Input Receive Data+
6	Output Transmit Data-	Input Receive Data-
4 5 7 8	Not Used	Not Used

100BASE-TX/10BASE-T ٓ ٱ غ ٱ ٱ يح A-3

يح A-3 100BASE-TX/10BASE-T ٱ





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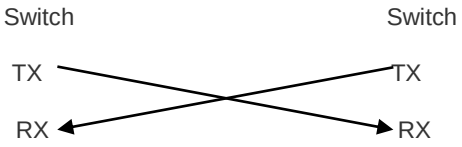

\ ¢ B Mini-GBIC 圯B⌂

ˆ شج ه قمم ⅄ SFP شج Mini-GBIC شج ˆ
ˇ SFP شج № ⅄ SFP ˆقمم غ ǟ ǟ

B-1 SFP شج غ قمم

Mini-GBIC(SFP)	(nm)	قمم	ه قمم	(m)		ǜ (dbm)		(dbm)		DDM (Yes/ No)
						MIN	MAX	MIN	MAX	
FE-SFP-LX-MM1310	1310		LC	62.5/125	2	-22	-14	-30	-14	Yes
FE-SFP-LH15-SM1310	1310	⅄	LC	9/125	15	-15	-8	-28	-8	Yes
FE-SFP-LX20-SM1310-BIDI	1310TX/ 1550RX	⅄	LC	9/125	20	-15	-7	-28	-8	Yes
FE-SFP-LX20-SM1550-BIDI	1550TX/ 1310RX	⅄	LC	9/125	20	-15	-7	-28	-8	Yes
FE-SFP-LH40-SM1310-BIDI	1310TX/ 1550RX	⅄	LC	9/125	40	-7	-2	-32	-8	Yes
FE-SFP-LH40-SM1550-BIDI	1550TX/ 1310RX	⅄	LC	9/125	40	-7	-2	-32	-8	Yes
Mini-GBIC-SX	850		LC	62.5/125	275	-9.5	-3			

\ ¢ C - SFP Plus

SFP Plus SFP Plus

SFP Plus № SFP Plus

C-1 SFP Plus

Mini-GBIC(SFP)	(nm)			(m)		(dbm)		(dbm)		DDM (Yes/ No)
						MIN	MAX	MIN	MAX	
XG-SFP-SR-MM850	850		LC	62.5 /125	33 (OM1) 26	-5	-1	-7.5	0.5	Yes
				50/125	300 (OM3) 82 (OM2) 66 (OM1)					
XG-SFP-LR-SM1310	1310		LC	9/125	10	-8.2	0.5	-10.3	0.5	Yes
XG-SFP-ER-SM1550	1550		LC	9/125	40	-4.7	4	-11.3	-1	Yes

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