



Connecting a Modem to the CSS

This appendix explains how to configure a dial-up modem and connect it to the console port on the CSS. Connecting a modem to the CSS allows you to remotely perform the same CSS console operations as you would locally. The CSS supports the following modems:

- 3Com (US Robotics) Courier Model 3453 Modem
- 3Com OfficeConnect Model 3294 Modem
- 3Com (US Robotics) Sportster Model 5686 Modem
- MultiTech Model MT5634ZBA Modem

This appendix includes the following sections:

- [Configuring a Modem](#)
- [Cabling a Modem to the CSS](#)

Configuring a Modem

You must configure the modem before you can connect it to the CSS. You can connect the modem to a terminal or a PC using a terminal emulation program, such as Hyperterm. If you connect the modem to the COM port on a PC, you need the following cable and connectors (see Appendix B, [Cable Connector Pinouts](#)):

- RJ-45-to-RJ-45 rolled cable
- RJ-45-to-DB-25 modem adapter
- DB-9-to-RJ-45 terminal adapter

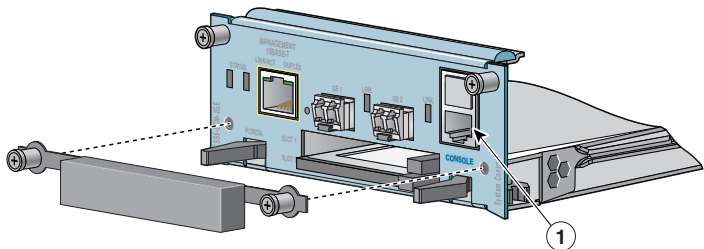
Then, you configure the modem by entering commands from the Attention (AT) command set and, if applicable, setting the configuration switches on the modem. Although the process to configure the modem may vary from one modem to another, configure your modem so that its resulting behavior is as follows:

- Answers a call on the first ring
- Disables both hardware and software flow control mechanisms
- Ignores modem control signals DTR and RTS
- Suppresses echoing of command mode input
- Disables recognition of AT commands

Cabling a Modem to the CSS

After you configure the modem, unplug the flat rolled RJ-45-to-RJ-45 cable from the terminal adapter on the PC and connect the cable to the SCM console port of the CSS. On a CSS 11503 or CSS 11506, the console port is on the SCM (see [Figure C-1](#)). If you have two SCMs installed in the CSS, make sure that you connect the cable to the active SCM.

Figure C-1 Switch Control Module Console Connector



1	Console connector
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Make sure that the settings on the remote console match the CSS default settings specified in [Table C-1](#).

Table C-1 CSS Console Port Default Settings

Parameters	Default Settings
Baud	9600
Data Bits	8
Parity	None
Stop Bits	1
Terminal Type	VT100/ANSI
Flow Control	None



Note

When you remotely log in to the CSS through a modem, make sure that you log out before disconnecting from the session. Use the **idle timeout** *minutes* command to set the maximum amount of time that the console session can be idle on the CSS before the CSS logs it out. By default, the timeout is disabled.

■ Cabling a Modem to the CSS