Installing the Cisco DVB CAR100

This chapter explains the procedures for installing the Cisco DVB CAR100 cable access router. The chapter contains the following sections:

- Connecting the CATV Coaxial Cable
- Connecting the Ethernet Cable
    - Connecting to a Single Computer
    - Connecting to Multiple Computers
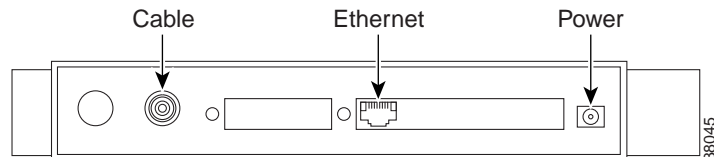- Connecting the Power Supply

Connecting the Cables

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Warning   **Read the installation instructions before you connect the system to its power source. To see translations of the warnings that appear in this publication, refer to the *Regulatory Compliance and Safety Information* document that accompanied this device.**

Connect the cables in the same order as described in this chapter. To avoid electrical shocks, always connect the CATVcoaxial cable to the Cisco DVB CAR100 before connecting the power supply, and disconnect the power supply before removing the CATV coaxial cable.

Figure 3-1 shows the locations for connecting all cables to the rear panel connectors of the Cisco DVB CAR100.
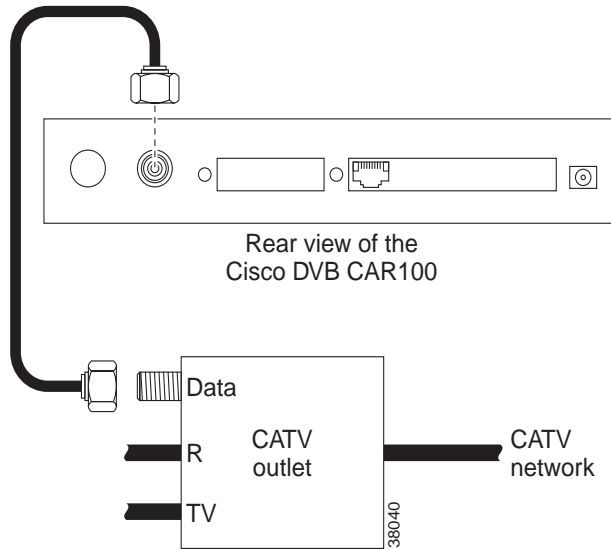
Figure 3-1   Rear Connector Locations on the Cisco DVB CAR100

Connecting the CATV Coaxial Cable

Connect the CATV wall outlet to the Cisco DVB CAR100 using a shielded coaxial cable.

• Connect the CATV wall outlet to the socket labeled **Cable** on the rear of the Cisco DVB CAR100 as shown in Figure 3-2.
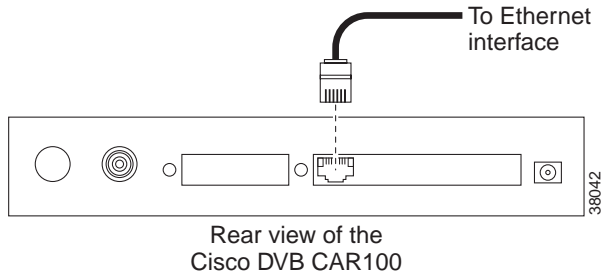
Figure 3-2   Connecting to a CATV Wall Outlet

Connecting the Ethernet Cable

If you have the Cisco DVB CAR100-PC, proceed to the "Connecting to a Single Computer" section on page 3-3. If you have the Cisco DVB CAR100-LAN and are connecting to an Ethernet hub or an existing LAN network, proceed to the "Connecting to Multiple Computers" section on page 3-4.

Connecting to a Single Computer

Prior to connecting the power supply, connect the Cisco DVB CAR100-PC to the single computer, using a crossover Ethernet cable (Class 5, shielded, RJ-45).

- Connect the socket labeled **Ethernet** on the rear of the Cisco DVB CAR100, as shown in Figure 3-3.

Figure 3-3   Connecting the Cisco DVB CAR100 to a Single Computer

Rear view of the
Cisco DVB CAR100

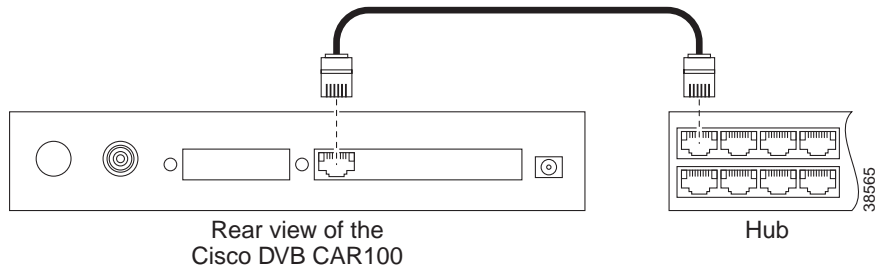- • Connect the other end of the cable to the computer's Ethernet network adapter.

Tips The Ethernet port is located on the back of the computer if an internal Ethernet card is installed. On a laptop computer, the Ethernet port is usually located on an adapter cable connected to a PCMCIA (PC) card installed in the computer's PCMCIA slot. If you need additional information to locate the Ethernet port on the computer, consult the user documentation for the computer.

Connecting to Multiple Computers

Prior to connecting the power supply, connect the Cisco DVB CAR100-LAN to multiple computers, using a straight-through Ethernet cable (Class 5, shielded, RJ-45) and an Ethernet hub.

- • Connect the socket labeled **Ethernet** on the rear of the Cisco DVB CAR100-LAN to the hub's Ethernet network adapter as shown in Figure 3-4.

Figure 3-4   *Connecting the Cisco DVB CAR100-LAN to a Hub*

Rear view of the
Cisco DVB CAR100

Hub

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Connecting the Computers to the Ethernet Hub

Connect the computers to the Ethernet hub according to the hub manufacturer's instructions. Consult the user documentation supplied with your Ethernet hub to install and configure it correctly.
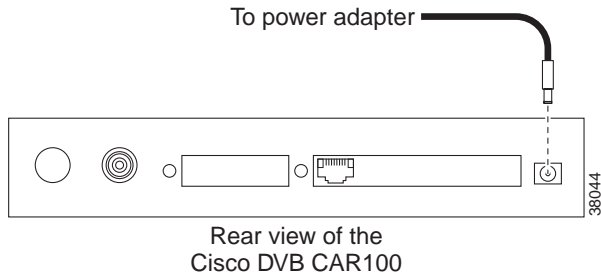
Connecting the Power Supply

Warning   **Read the installation instructions before you connect the system to its power source. To see translations of the warnings that appear in this publication, refer to the *Regulatory Compliance and Safety Information* document that accompanied this device.**

Before connecting the power supply to the Cisco DVB CAR100, make sure the CATV coaxial cable and the Ethernet cable are securely connected. To connect the power supply to the Cisco DVB CAR100:

- Connect the power supply unit to the socket labeled **Power** on the rear of the Cisco DVB CAR100, as shown in Figure 3-5.

Figure 3-5   Connecting the Power Supply

Rear view of the
Cisco DVB CAR100

• Connect the other end of the power supply unit to the electrical wall socket.

This completes the installation of the Cisco DVB CAR100 cable access router.