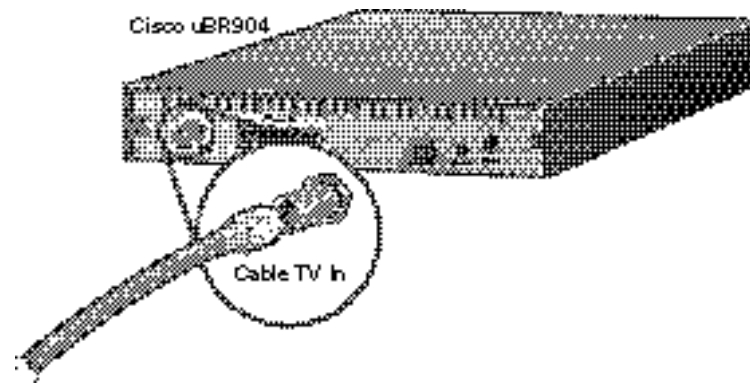# Quick Reference Card

## CISCO uBR904 CABLE MODEM

### SUBSCRIBER SETUP

**①**

## Connect the Cable Modem

### A  Connect to the Cable TV Network



**1** Locate the cable TV (CATV) outlet.

**2** Connect one end of the CATV cable into the CATV outlet.

**3** Connect the other end of the CATV cable to the connector with the label **Cable TV In**, on the cable modem's rear panel.

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### B  Connect to Your PC



*Note:   All 4 Ethernet ports are identical.*

**1** Connect one end of the yellow Ethernet cable into 1 of the 4 yellow Ethernet ports (labeled **1**, **2**, **3**, and **4**), on the cable modem's rear panel.

**2** Connect the other end of this cable to the Ethernet port on a PC.

**3** Repeat Steps 1 and 2 for each additional PC. The cable modem contains 4 ports to connect directly to 4 PCs.

*Note:   Your cable service provider determines the number of devices that you can connect the cable modem to, based on the terms of your service agreement.*

### C  Connect Power
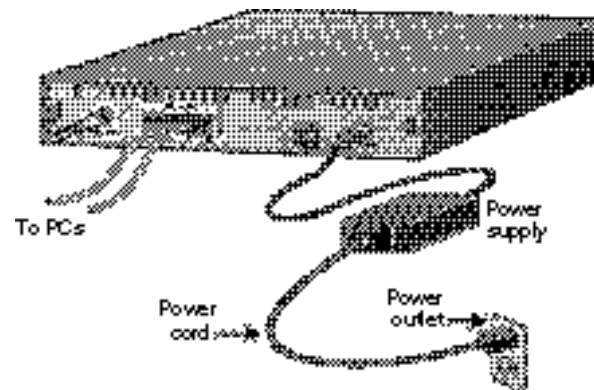


**1** Connect the provided black power supply to the black power connector on the cable modem's rear panel.

**2** Connect one end of the power cord to the power supply and the other end of the power cord to a grounded AC power outlet. The cable modem powers on after you connect it to the power outlet.

**3** If your computer power cable is not already connected to a grounded AC power outlet, connect it now.

**4** Turn on your PC power switch.

**②**

## Initialize the Cable Modem

When connected and powered on, the cable modem executes an automatic installation procedure.

The cable modem:

**1** Scans and locks on to the service provider's downstream frequency.

**2** Obtains timing, signal, power level, authentication, addressing, and other operational parameters from the CATV headend.

**3** Downloads its configuration file and is then operational.

During the initialization, the LEDs (lights) on the cable modem go on:

• The **OK** LED blinks for a few seconds during startup, then stays on when the automatic installation procedure is complete.

• The appropriate Ethernet LEDs (labeled **1**, **2**, **3**, and **4**) go on when the PC connects to the cable modem, and they blink when there is activity.

• When the **U1**, **U2**, and **LINK** LEDs go on, the cable modem is ready for use.

See the following section for more descriptions of the LEDs.

## LED Descriptions
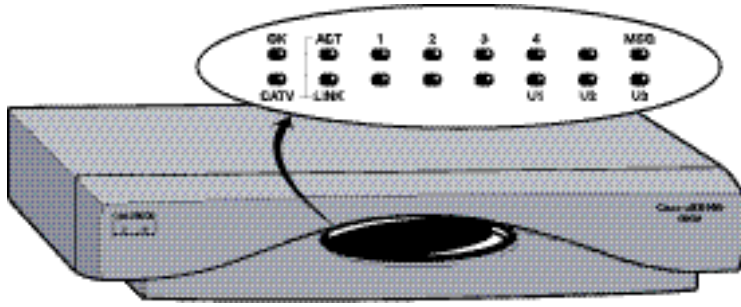


| LED | Description | Function |
|-----|-------------|----------|
| **OK** | System status | On = System OK<br>Blink = Fault<br>Off = No power |
| **ACT** | Cable activity | Blink = Cable activity<br>Off = No activity |
| **1** | Ethernet 1 | On = Link up<br>Blink = Activity<br>Off = Link down |
| **2** | Ethernet 2 | On = Link up<br>Blink = Activity<br>Off = Link down |
| **3** | Ethernet 3 | On = Link up<br>Blink = Activity<br>Off = Link down |
| **4** | Ethernet 4 | On = Link up<br>Blink = Activity<br>Off = Link down |
| **MSG** | Message | Used by your cable service provider to provide additional information. Contact your service provider for status details. |
| **LINK** | Cable link | On = Link up<br>Blink = Establishing link to service provider<br>Off = Link down |
| **U1** | User LED 1 | On = Receiving valid signal |
| **U2** | User LED 2 | On = Service provider receiving signal from modem |
| **U3** | User LED 3 | On = Good signal received<br>Off = Marginal signal received |

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## ❸
# Verify the Cable Modem Installation

## A   Check the LEDs

Check the LEDs on your cable modem to make sure that it is properly connected:

- If the **OK** LED does not stay on, check the power connections.

- If the appropriate Ethernet LEDs (**1**, **2**, **3**, **4**) do not blink or stay on, check the Ethernet cable connection for each PC that the cable modem connects to.

## B   Connect to a Web Site

Start your Web browser software and connect to a Web site of your choice, or try the Cisco Web site at:

**http://www.cisco.com**

- If you can access a Web page, your cable modem installation is now complete.

- If you cannot access a Web page, repeat the steps in this quick reference card. If you still cannot access a Web page, contact your cable service provider for assistance.

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## ❹
# Safety Information

Following are safety instructions that you must follow when installing a Cisco uBR904. Failure to install the cable modem in accordance with these instructions will invalidate the agency approvals for the Cisco uBR904.

- Do not remove covers: There is no operator serviceable parts inside. Refer servicing to qualified personnel.

- Do not work on the system or connect and disconnect cables during a lightning storm.

- Safety requirements are not fulfilled unless the equipment is connected to a wall socket outlet with protective earth ground.

*Note:   For a list of additional warnings and their translations, refer to the **Regulatory Compliance and Safety Information for the Cisco uBR904 Cable Modem**. To view this document on the Web, go to the Cisco Web site at www.cisco.com.*

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