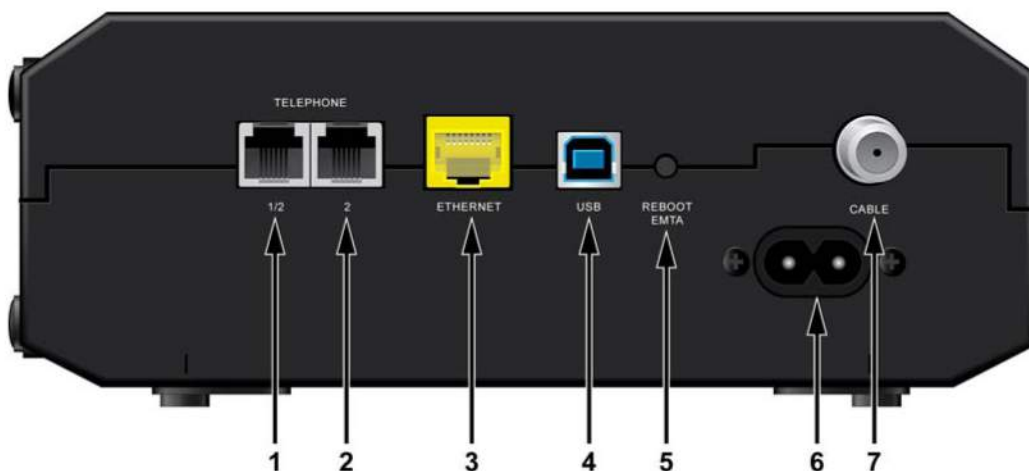# DPQ3212
Front Panel Description

The front panel of your cable modem provides status LEDs that indicate how well and at what state your cable modem is operating.

1. **POWER** – Illuminates continuously to indicate that AC power is being applied to the cable modem.

2. **DS** (Downstream) – Indicates the status of the connection for receiving data. Illuminates continuously during normal operation; blinks to indicate the unit is scanning for the downstream signal.

3. **US** (Upstream) – Indicates the status of the connection for sending data. Illuminates continuously during normal operation.

4. **ONLINE** – Illuminates continuously when the cable modem is registered on the network and fully operational. This indicator blinks to indicate one of the following conditions:

    ■ The cable modem is booting up and not ready for data

    ■ The cable modem is scanning the network and attempting to register

    ■ The cable modem has lost registration on the network and will continue blinking until it registers again

5. **LINK** – Illuminates continuously to indicate that an Ethernet/USB carrier is present and blinks to indicate that Ethernet/USB data is being transferred between the PC and the cable modem.

6. **TEL 1** – Illuminates continuously when VoIP service is enabled. Blinks when line 1 is in use

7. **TEL 2** – Illuminates continuously when VoIP service is enabled. Blinks when line 2 is in use

Back Panel Description

The following illustration shows the description and function of the back panel components on the DPQ3212.

Important: Do not connect your PC to *both* the Ethernet and USB ports at the same time. Your modem will not function properly if both the Ethernet and USB ports are connected to your PC at the same time.

1   **TELEPHONE 1/2** — RJ-11 telephone port connects to home telephone wiring or to conventional telephones or fax machines. This port provides connections to Line 1 and Line 2 telephone service. In most installations this connector should be used to connect telephone service

2   **TELEPHONE 2** — RJ-11 telephone port connects to home telephone wiring or to conventional telephones or fax machines. This port is used to connect a single-line phone to Line 2 telephone service

3   **ETHERNET** – RJ-45 Ethernet port connects to the 10/100/1000BASE-T Ethernet port on your PC or your home network

4   **USB** – 12 Mbps USB 2.0 port connects to the USB port on your PC

5   **REBOOT EMTA** – Pressing this switch reboots the EMTA. Pressing this switch for more than three seconds resets the device to factory default values and reboots the EMTA

> ⚠ **CAUTION:**
>
> **The Reboot EMTA button is for maintenance purposes only. Do not use unless instructed to do so by your service provider. Doing so may cause you to lose any cable modem settings you have selected.**

6   **POWER** – Connects the cable modem to the AC power supply that is provided with your cable modem

> ⚠ **CAUTION:**
>
> **Avoid damage to your equipment. Only use the AC power adapter that is provided with your cable modem.**

When you receive your wireless residential gateway, you should check the equipment and accessories to verify that each item is in the carton and that each item is undamaged. The carton contains the following items:

One Cisco DPQ3212

One Ethernet cable (CAT5/RJ-45)

Lithium Ion cartridge battery (not included with some models)

One AC power cord

One USB cable (not included with some models)

If any of these items are missing or damaged, please contact your service provider for assistance.

Notes:

- You will need an optional cable signal splitter and additional standard RF coaxial cables if you want to connect a VCR, a Digital Home Communications Terminal (DHCT) or a set-top converter, or a TV to the same cable connection as your wireless residential gateway.

- Cables and other equipment needed for telephone service must be purchased separately. Contact your service provider to inquire about the equipment and cables you need for telephone service.

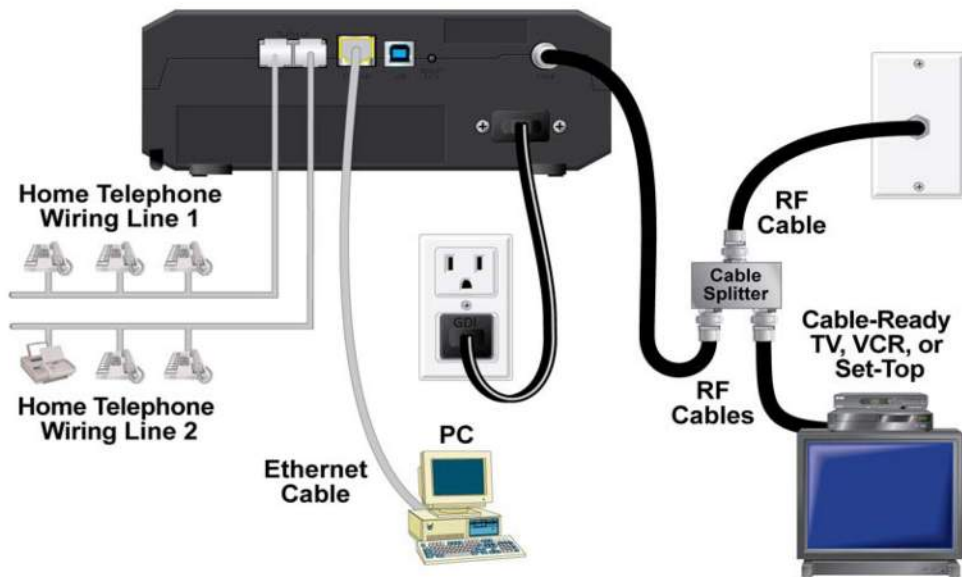# How Do I Connect the Cable Modem for Internet and Telephone Service?

You can use the cable modem to provide both telephone service and to provide Internet access, and you can share that Internet connection with other Internet devices in your home or office. Sharing one connection among many devices is called networking.

Connecting and Installing Internet Devices

Professional installation may be available. Contact your local service provider for further assistance.

To connect devices

The following diagram illustrates one of the various networking options that are available to you.

Front Panel LED Status Indicators During Initial Power Up, Calibration, and Registration								
Step	1	2	3	4	5	6	7	8
Front Panel Indicator	Power Up	Self Test	Downstream Scan	Downstream Signal Lock	Ranging	Requesting IP Address	Registering	Registration Completed
1 POWER	On	On	On	On	On	On	On	On
2 DS	Blinking	On	Blinking	On	On	On	On	On
3 US	Blinking	On	Off	Off	Blinking	On	On	On
4 ONLINE	Blinking	On	Off	Off	Off	Off	Blinking	On
5 LINK	Off	On	On or Blinking	On or Blinking	On or Blinking	On or Blinking	On or Blinking	On or Blinking
6 TEL1	Off	On	Off	Off	Off	Off	Off	Off
TEL2	Off	On	Off	Off	Off	Off	Off	Off
7 Battery	Off	On	Off	Off	Off	Off	Off	Off

* The ONLINE LED illuminates continuously whenever a PC is connected to the modem, and it blinks to indicate that data is being transferred. If the modem is used to provide telephone service only and is not connected to a PC, the ONLINE LED is off.