

Cisco Model DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter

The Cisco® Model DPQ2202 DOCSIS® 2.0 Cable Modem with Embedded Digital Voice Adapter (DPQ2202) features two RJ-11 telephone ports for voice service along with a 10/100BASE-T Ethernet port and a USB 1.1 port for high-speed data connectivity.

The DPQ2202 is designed to meet PacketCable™ 1.5 and DOCSIS 2.0 specifications as well as being backward compatible with DOCSIS 1.1 and DOCSIS 1.0 networks. The DPQ2202 uses advanced line-interface technology to provide multi-country, toll-quality, telephone service using existing in-home wiring. The DPQ2202 supports 5 REN phone loading on each phone line.

Figure 1. DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter (image may vary from actual product and specification)



The DPQ2202 fully supports the CODECs specified in PacketCable 1.5. Additional CODECs are available through an optional software upgrade including a high-fidelity CODEC option for toll-quality plus service. Standard VoIP call signaling is compliant with PacketCable's (MGCP/NCS) specifications. Optional software upgrades are available to support Session Initiation Protocol (SIP) call signaling.

Features

- Two-line embedded digital voice adapter for wired telephony service
- Integrated AC power supply, standard; optional external power supply
- Expanded tuning range, 88-1002 MHz
- Toll-quality, high-compression, and high-fidelity (exceeding toll quality) CODEC options
- Attractive compact design and versatile orientation to stand vertically, lie flat on the desktop, or mount easily on the wall
- Front panel LEDs provide visual feedback of real-time data transmission and cable modem status

- Bridged 10/100BASE-T auto-sensing/auto-MDIX Ethernet port and USB 1.1 data port
- Li-Ion battery backup
- TR-068 compliant color-coded connectors and cables simplify the installation process

Figure 2. DPQ2202 Front Panel (image may vary from actual product and specification)



Table 1. Front Panel Features

Feature	Description
Indicators	POWER, DS, US, ONLINE, LINK, TEL1, TEL2, BATTERY
Color	Black, green LEDs, silver text
Branding	Cisco logo and model number

Figure 3. DPQ2202 Back Panel (image may vary from actual product and specification)



Table 2. Back Panel Connections

Feature	Description
TELEPHONE 1/2 and 2 Color: Gray	RJ-11 telephone ports connect to home telephone wiring and to conventional telephones or fax machines
ETHERNET Connector Color: Yellow	RJ-45 Ethernet port connects to the Ethernet port on your PC or your home network
USB Connector Color: Blue	USB port connects to the USB port on your PC
REBOOT EMTA	Power cycles the modem
CABLE Connector Color: White	F-connector connects to an active cable signal from your service provider
POWER Connector Color: Black	Connects the modem to the AC output of the standard AC power cord or the DC output of the optional AC power adapter

Ordering Information

Table 3. Ordering Information

Model	Description	Part Number
2 Voice Ports, North American Tuning Plan – NTSC, Internal Power Supply		
Model DPQ2202	DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 100-120 VAC/60Hz, internal power supply • Power cord, North America, polarized • 2200 mAh Li-Ion battery cartridge • Ethernet cable • CD-ROM containing user guide <i>North America</i>	4025496
Model DPQ2202	DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 100-120 VAC/50-60Hz, internal power supply • Power cord, North America, polarized • No battery cartridge provided • Ethernet cable • CD-ROM containing user guide <i>North America</i>	4029164
Model DPQ2202	DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 100-120 VAC/60Hz, internal power supply • Power cord, North America, polarized • 2200 mAh Li-Ion battery cartridge • Ethernet cable • CD-ROM containing user guide <i>Customer Specific Configuration</i>	4025511
Model DPQ2202	DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 100-120 VAC/60Hz, internal power supply • Power cord, North America, polarized • No battery cartridge provided • Ethernet cable • CD-ROM containing user guide <i>Customer Specific Configuration</i>	4025510
Model DPQ2202	DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 220-230 VAC/50-60Hz, internal power supply • Power cord, Euro • 2200 mAh Li-Ion battery cartridge • Ethernet cable • CD-ROM containing user guide <i>Chile</i>	4029163
Model DPQ2202	DPQ2202 DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 220-230 VAC/50-60Hz, internal power supply • Power cord, Euro • No battery cartridge provided • Ethernet cable • CD-ROM containing user guide <i>Chile</i>	4029162

Model	Description	Part Number
2 Voice Ports, North American Tuning Plan – NTSC, External Power Supply		
Model DPQ2202	DPQ2202C DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 240 VAC 50/60Hz, wall-mount linear switching power supply • 2200 mAh Li-Ion battery cartridge • Ethernet cable • CD-ROM containing user guide <i>Australia</i>	4030606
Model DPQ2202	DPQ2202C DOCSIS 2.0 Cable Modem with Embedded Digital Voice Adapter. Includes: <ul style="list-style-type: none"> • 240 VAC 50/60Hz, wall-mount linear switching power supply • No battery cartridge provided • Ethernet cable • CD-ROM containing user guide <i>Australia</i>	4030605

Replacement Components

Table 4. Replacement Components

Description	Part Number
Power Cords	
Power cord, 2-conductor, North America NEMA 1-15 to C7 (polarized)	186750
Power cord, 2 conductor, North America, NEMA 1-15 to C7 (non-polarized)	1002239
Power cord, 2 conductor, Brazil	4009115
Power cord, 2 conductor, European, Euro plug CEE7/16 to C7	503414
Battery	
2200 mAh Lithium-Ion battery cartridge, 2 cell	4025494
CD-ROM	
CD-ROM with user guide	4025495



Cisco, Cisco Systems, the Cisco logo, and the Cisco Systems logo are registered trademarks or trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. DOCSIS is a registered trademark of Cable Television Laboratories, Inc. PacketCable is a trademark of Cable Television Laboratories, Inc.

All other trademarks mentioned in this document are the property of their respective owners.

Specifications and product availability are subject to change without notice.

© 2009–2010 Cisco Systems, Inc. All rights reserved.