

Cisco Model EPC3000 EuroDOCSIS 3.0 Cable Modem

The Cisco® Model EPC3000 EuroDOCSIS® 3.0 Cable Modem (EPC3000) provides EuroDOCSIS broadband service providers with a cost-effective solution for delivering high-speed bi-directional data services. The EPC3000 provides a faster connection to the Internet by incorporating four bonded downstream channels along with four bonded upstream channels to deliver downstream data rates in excess of 200 Mbps and upstream data rates approaching 120 Mbps, up to four times faster than conventional single-channel EuroDOCSIS 2.0 cable modems.¹

The EPC3000 is designed to meet EuroDOCSIS 3.0 specifications as well as offering backward compatibility for operation in EuroDOCSIS 2.0, 1.1 and 1.0 networks.

The EPC3000 also features WebWizard, a browser-based user interface. WebWizard facilitates installation and troubleshooting and eliminates the need to load setup software on the customer premises equipment (CPE).

Figure 1. Model EPC3000 EuroDOCSIS 3.0 Cable Modem



Features

EuroDOCSIS

- Four (4) bonded channels with total downstream throughput in excess of 200 Mbps
- Designed to meet EuroDOCSIS 3.0 specifications as well as backward compatibility with existing EuroDOCSIS 2.0, 1.1 and 1.0 networks
- Enhanced packet processing technology to maximize performance

¹ Channel Bonded cable modems must be used in conjunction with CMTSs that support channel bonding per the EuroDOCSIS 3.0 specifications. When used with non-channel bonded CMTSs, channel bonded cable modems function as a conventional EuroDOCSIS 2.0 cable modems.

Connections

- Bridged 1000/100/10 Mbps Ethernet port with Auto-negotiate and Auto-MDIX and USB 2.0 data port
- Support for up to 64 users (1 USB port user and up to 63 users on user-supplied Ethernet hubs)

Design and Function

- Attractive compact design and versatile orientation to stand vertically, lie flat on the desktop or shelf, or mount easily on a wall
- LED status indicators on the front-panel provide an informative and easy-to-understand display that shows the cable modem operational status and real-time data transmission activity
- Designed for reliability

Management

- Software upgradeable by network download
- Remote manageability using SNMP V1/V2 and V3

Software and Documentation

- CD-ROM containing user guide and USB driver installation software for Microsoft Windows Vista, Windows XP, and Windows 2000 operating systems

Figure 2. Model EPC3000 EuroDOCSIS 3.0 Cable Modem Front Panel



Table 1. Front Panel Features

Feature	Description
Indicators	POWER, DS, US, ONLINE, LINK
Color	Charcoal gray, black faceplate, silver text, green LEDs
Branding	Cisco and model number

Figure 3. Model EPC3000 EuroDOCSIS 3.0 Cable Modem Back Panel



Table 2. Back Panel Features

Feature	Description
Connections In	CABLE, POWER
Connections Two-Way	ETHERNET, USB
Power Input	AC power adapter 12 VDC
Label	Cable Modem MAC Address
Reboot	Reset-to-Factory Default Momentary Switch (Factory Reset)

Ordering Information

Table 3. Ordering Information

Description Hardware Revision 1.0, (65/108 MHz Diplex Filter)	
International Tuning Plan (PAL-G, PAL-B, and NTSC)	Part Number
EPC3000 EuroDOCSIS 3.0 Channel Bonded Cable Modem. Includes: <ul style="list-style-type: none"> • EuroDOCSIS 3.0 Cable Modem, 4 DS X 4 US • 5-65/108-1000 MHz diplex filter (EuroDOCSIS) • GigE port • No USB port • 230-240 VAC / 50-60 Hz, 12 VDC /1A wall-mount linear-switching power supply with Euro plug • Ethernet cable • CD-ROM with USB drivers and user guide 	4026201
EPC3000 EuroDOCSIS 3.0 Channel Bonded Cable Modem. Includes: <ul style="list-style-type: none"> • EuroDOCSIS 3.0 Cable Modem, 4 DS X 4 US • 5-65/108-1000 MHz diplex filter (EuroDOCSIS) • GigE port • USB 2.0 port • 230-240 VAC / 50-60 Hz, 12 VDC /1A wall-mount linear-switching power supply with Euro plug • Ethernet cable • USB cable • CD-ROM with USB drivers and user guide 	4022466
EPC3000 EuroDOCSIS 3.0 Channel Bonded Cable Modem. Includes: <ul style="list-style-type: none"> • EuroDOCSIS 3.0 Cable Modem, 4 DS X 4 US • 5-65/108-1000 MHz diplex filter (EuroDOCSIS) • GigE port • USB 2.0 port • 230-240 VAC / 50-60 Hz, 12 VDC /1A wall-mount linear-switching power supply for Australia • Ethernet cable • USB cable • CD-ROM with USB drivers and user guide Australia	4024175

<p>EPC3000 EuroDOCSIS 3.0 Channel Bonded Cable Modem. Includes:</p> <ul style="list-style-type: none"> • EuroDOCSIS 3.0 Cable Modem, 4 DS X 4 US • 5-65/108-1000 MHz diplex filter (EuroDOCSIS) • GigE port • No USB port • 230-240 VAC / 50-60 Hz, 12 VDC /1A wall-mount linear-switching power supply for China • Ethernet cable • CD-ROM with USB drivers and user guide <p>China</p>	4025539
<p>EPC3000 EuroDOCSIS 3.0 Channel Bonded Cable Modem. Includes:</p> <ul style="list-style-type: none"> • EuroDOCSIS 3.0 Cable Modem, 4 DS X 4 US • 5-65/108-1000 MHz diplex filter (EuroDOCSIS) • GigE port • USB 2.0 port • 230-240 VAC / 50-60 Hz, 12 VDC /1A wall-mount linear-switching power supply with United Kingdom style plug • Ethernet cable • USB cable • CD-ROM with USB drivers and user guide <p>United Kingdom</p>	4024174

Replacement Components

Table 4. Replacement Components

AC Power Supplies	Part Number
Linear-Switching, Class 2	
230-240 VAC / 50-60 Hz, 12 VDC/1A wall-mount linear-switching power supply with Euro plug	4015453
230-240 VAC / 50-60 Hz, 12 VDC/1A wall-mount linear-switching power supply for Australia	4018797
220-240 VAC / 50-60 Hz, 12 VDC/1A wall-mount linear-switching power supply for China	4024112
230-240 VAC / 50-60 Hz, 12 VDC/1A wall-mount linear-switching power supply with United Kingdom style plug	4018794
Switching Mode, Class 2	
100-240 VAC / 50-60 Hz, 12 VDC/1A desktop universal switching mode power supply, Class II, C7 AC connector, 2 conductor (power cord not included, order separately)	4009116
Power Cords	Part Number
Class 2	
Power cord, 2 conductor, European, Euro plug CEE7/16 to C7	503414
Power cord, 2 conductor, Australia	4012938
Power cord, 2 conductor, China	4025754
Power cord, 2 conductor, United Kingdom, BS1363 to C7	1002798
Cables	Part Number
Ethernet cable, standard 1.2 meter length	740580
Ethernet cable, 2 meter	4018790
USB cable	740579
User Guide and USB Drivers	Part Number
CD-ROM with user guide and USB drivers	4023779



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