



Description

The WebSTAR™ EPX2203™ Cable Modem features an embedded media terminal adapter (EMTA) and two RJ-11 telephone ports for voice services as well as an RJ-45 Ethernet port and a USB port for high-speed data connectivity.

The hardware platform of the EPX2203 is designed to comply with Euro-PacketCable 1.0 and Euro-DOCSIS® 2.0 specifications.

The standard EPX2203 provides two voice CODECs: G711 and G728. Other CODECs are available on request. Call signaling is compliant with Euro-PacketCable's Network Call Signaling (NCS) specifications.

The EPX2203 can be equipped with an optional battery pack that can provide up to 11 hours of standby operation or 8 hours of active calling in the event of an AC power failure. Many third-party battery backups are also compatible with the EPX2203.

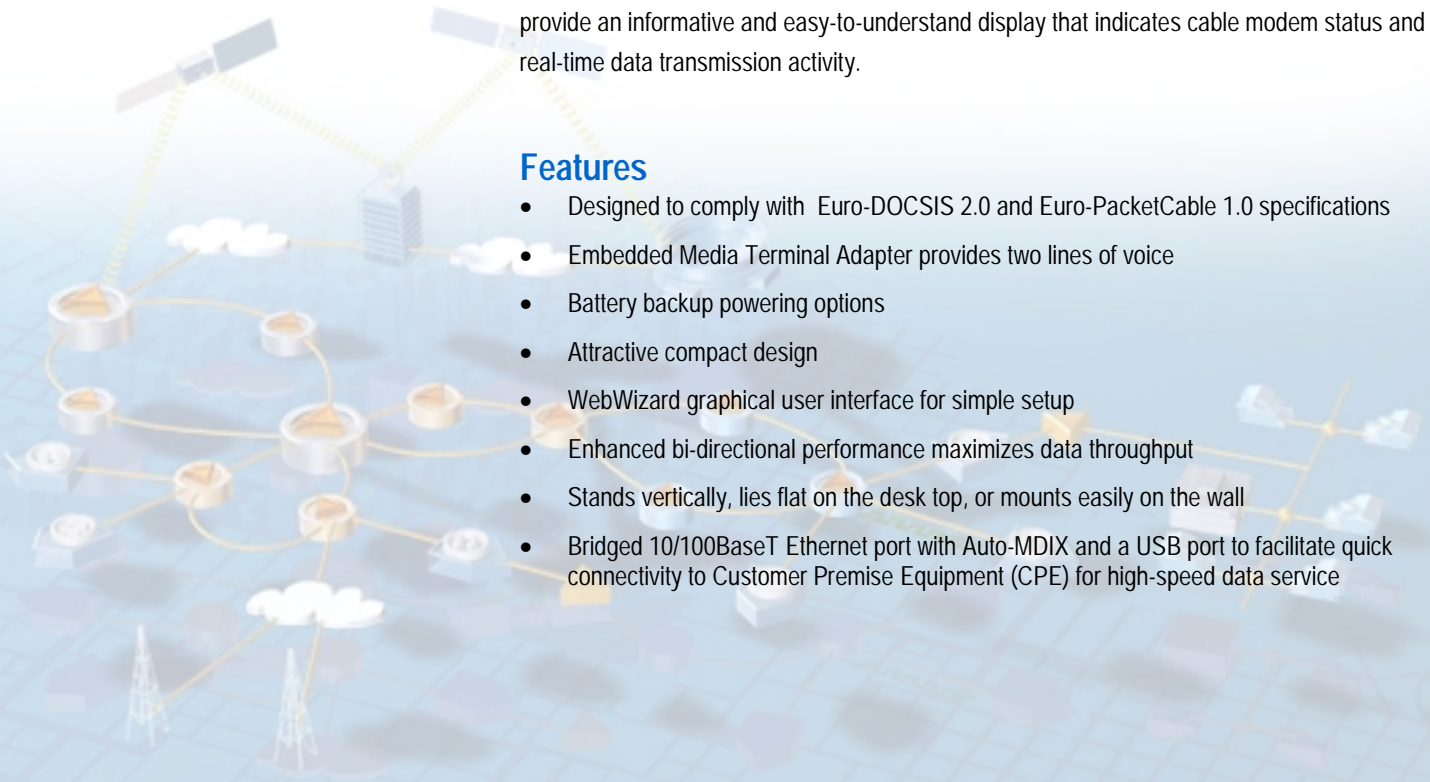
The housing of the EPX2203 incorporates a hide-away stabilizer bar that pivots out when standing the unit on end or it tucks neatly away when the unit is set horizontally on a desktop or when wall-mounted.

WebWizard

To facilitate setup and troubleshooting, the EPX2203 includes WebWizard, a browser-based graphical user interface. WebWizard facilitates both setup and troubleshooting and eliminates the need to load setup software on the CPE. In addition, the seven LEDs on the front panel provide an informative and easy-to-understand display that indicates cable modem status and real-time data transmission activity.

Features

- Designed to comply with Euro-DOCSIS 2.0 and Euro-PacketCable 1.0 specifications
- Embedded Media Terminal Adapter provides two lines of voice
- Battery backup powering options
- Attractive compact design
- WebWizard graphical user interface for simple setup
- Enhanced bi-directional performance maximizes data throughput
- Stands vertically, lies flat on the desk top, or mounts easily on the wall
- Bridged 10/100BaseT Ethernet port with Auto-MDIX and a USB port to facilitate quick connectivity to Customer Premise Equipment (CPE) for high-speed data service



Features (continued)

- Rugged electronic components for long-term reliability
- Support for up to 64 users (1 USB port user and up to 63 users on user-supplied Ethernet hubs)
- USB 1.1 drivers for Microsoft Windows 98SE, ME, 2000, and XP
- Support for Broadcom's Propane packet header suppression
- Software upgradeable by network download
- Remote manageability through SNMP V1/V2 and V3
- CD-ROM containing user's guide and USB driver installation software

Specifications

VoIP	
Network Signaling Protocol	NCS (Network-Based Call Signaling)
Codecs	Standard: G.711 and G.728 Optional: G.711 and G729 Annex E, or G.711 and Broadcom's BroadVoice 16
RF Downstream	
Frequency Range	108 MHz to 862 MHz
Demodulation	64 QAM or 256 QAM
Maximum Data Rate	41.4 Mbps for 64 QAM or 55.2 Mbps for 256 QAM
Bandwidth	8 MHz
Operating Level Range	-17 dBmV to +17 dBmV
Input Impedance	75 ohms
RF Upstream	
Frequency Range	5 MHz to 65 MHz
Modulation	16 QAM QPSK 64 QAM 128 QAM TCM
Maximum Data Rate	10.2 Mbps for 16 QAM 5.12 Mbps for QPSK 30.0 Mbps for A-TDMA and SCDMA
Bandwidth	200 kHz to 6.4 MHz
Operating Level Range	+8 dBmV to +58 dBmV
Output Impedance	75 ohms
Other	
Input Voltage	12 or 15 VDC
Power Consumption (modem module)	6.6 Watts
Data Ports	(1) RJ-45 Ethernet 10/100 BaseT Auto-sensing with Auto-MDIX (1) USB 1.1 Slave
Telephone / Fax	(2) RJ-11
RF	Female "F" type
Mechanical	
Dimensions (H x D x W)	17.3 cm x 13.4 cm x 3.2 cm (6 13/16 in. x 5 1/4 in. x 1 1/2 in.)
Weight (approximate)	0.36 kg (12.8 oz)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	0 to 90% RH non-condensing
Storage Temperature	-20°C to 70°C (-4°F to 158°F)

Specifications (continued)

Standards Compliance	
Euro-PacketCable 1.0	Yet to be certified
WHQL	Certified
Regulatory Compliance	
UL, CUL, FCC B, and CE	Certified as required per country where the EPX2203 will be used

Ordering Information

Contact your Sales Representative for product availability in your area.

Description	Part Number
2-Line, VoIP, Euro-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • 230VAC / 50Hz, 12VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4003259
2-Line, VoIP, Euro-DOCSIS, WebSTAR Cable Modem for the United Kingdom. Includes: <ul style="list-style-type: none"> • 230VAC \pm15% / 50Hz, 12VDC / 1A In-line linear power supply with attached cord and BS-1363 style 3-pin power connector • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4003420
2-Line, VoIP, Euro-DOCSIS, WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • 230VAC / 50Hz, 15VDC / 1A In-line linear power supply with attached cord and CEE7/16 style 2-pin power connector • Factory installed 6,600 mAh rechargeable Li-Ion Battery Back Pack • Ethernet and USB cables • CD ROM containing user's guide and USB driver 	4004528

Ordering Information (continued)

Replacement Components	Part Number
110 VAC / 60 Hz, 12 VDC / 1A In-line linear power supply for North America	749826
100-240 VAC / 50-60 Hz, 12 VDC / 1A In-line universal power supply (order power cord separately)	749825
100 VAC / 50-60 Hz, 12 VDC / 1A In-line linear power supply for Japan	749937
230 VAC / 50 Hz, 12 VDC / 1A In-line linear power supply with 2-pin connector for continental Europe	4002193
230 VAC \pm 15% / 50Hz, 12 VDC / 1A In-line linear power supply with 3-pin connector for the United Kingdom	4004768
220 VAC / 60 Hz, 12 VDC / 1A In-line linear power supply with 2-pin style connector for Korea	4004222
230 VAC / 50 Hz, 15 VDC / 1A In-line linear power supply with 2-pin connector for continental Europe	4004856
Ethernet cable	740580
USB cable	740579
CD ROM with user's guide and USB drivers	749995
Universal In-Line Power Supply Cords	Part Number
North America, Caribbean, Philippines, Mexico and some areas of South America	740338
Africa, Hong Kong, Ireland, and United Kingdom	740339
Europe, Middle East, Asia, and some areas of Africa and South America	740562
Australia, New Zealand, Fiji and mainland China	740563
Argentina	4003938
Chile	4003340
Korea	745160
Japan	745161
China and Columbia	745415



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Part Number 4003862 Rev A
 July 2003