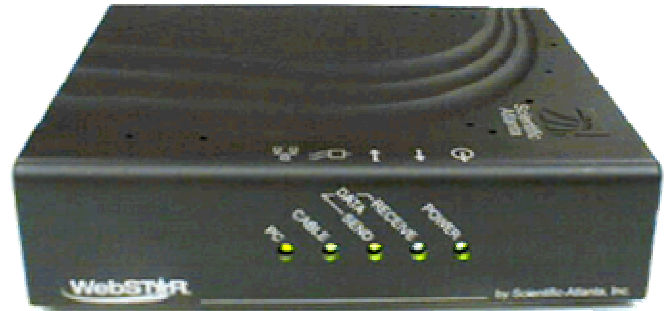


Model EPC2100™ WebSTAR™ Cable Modem

Description

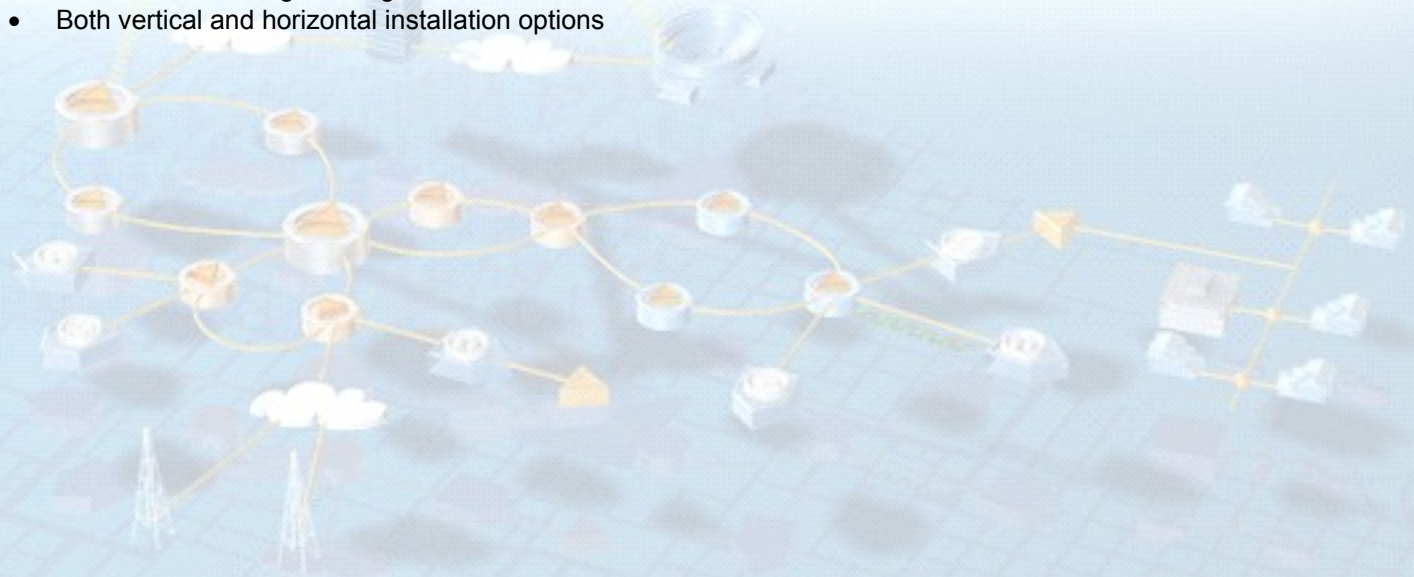
The EPC2100™ WebSTAR™ Cable Modem provides Euro-DOCSIS® broadband network operators with a cost-effective solution for delivering standards-based, high-speed data services to their subscribers.

The EPC2100 features WebWizard, a browser-based user interface. WebWizard is a powerful tool that facilitates installation and troubleshooting, and eliminates the need to load set-up software on the Customer Premises Equipment (CPE). The EPC2100 also features five front-panel LEDs that provide visual feedback of real-time data transmission and operational status.



Features

- Designed to meet Euro-DOCSIS 2.0 specifications
- Backward compatible with existing Euro-DOCSIS 1.1 and 1.0 networks
- Bridged 10/100BaseT Ethernet port with Auto-MDIX and a USB port to facilitate quick connectivity to CPE for high-speed data service
- Enhanced bi-directional performance maximizes data throughput
- 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 drivers for Windows 98SE, ME, 2000, and XP
- Support for Broadcom's Propane packet header suppression for improved upstream data throughput
- Software upgradeable by network download
- Remote manageability using SNMP V1/V2 and V3
- CD-ROM containing user's guide and USB driver installation software
- Both vertical and horizontal installation options



Model EPC2100 WebSTAR Cable Modem



Specifications

RF Downstream	
Frequency Range	88 MHz to 860 MHz
Demodulation	64 QAM or 256 QAM
Maximum Data Rate	41.4 Mbps (for 64 QAM) and 55.2 Mbps (for 256 QAM)
Bandwidth	8 MHz
Operating Level Range	43 to 73 dBuV for 64QAM 47 to 77 dBuV for 256 QAM
Input Impedance	75 ohms
RF Upstream	
Frequency Range	5 MHz to 65 MHz
Modulation	16 QAM QPSK 64 QAM ATDMA 128 QAM SCDMA
Maximum Data Rate	10.2 Mbps (for 16 QAM) 5.12 Mbps (for QPSK) 30.0 Mbps (for ATDMA or SCDMA))
Bandwidth	200 kHz to 6.4 MHz
Operating Level Range	+8 dBmV to +58 dBmV +8 to +55 dBmV (8QAM, 16QAM) +8 to +54 dBmV (32QAM, 64QAM)
Output Impedance	75 ohms
Electrical	
Input Voltage	12 VDC
Power Consumption (modem module)	6 Watts
Data Ports	Ethernet 10/100BaseT (Auto-sensing with Auto-MDIX): RJ-45 Ethernet (1) USB: Type B (1)
RF	Female "F" type
Mechanical	
Dimensions (H x D x W)	13.3 cm x 10.3 cm x 3.3 cm (5.25 in. x 4.00 in. x 1.5 in.)
Weight (approximate)	0.26 kg (9.0 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)

Standards Compliance	
Euro-DOCSIS 2.0	Yet to be certified
WHQL	Certified
Regulatory Compliance	
UL, CUL, FCC B, and CE	Certified as required per country where the EPC2100 will be used

Model EPC2100 WebSTAR Cable Modem



Ordering Information

Contact your Sales Representative for product availability in your area.

Description	Part Number
EPC2100 WebSTAR Cable Modem for Europe. Includes: <ul style="list-style-type: none"> • Euro-DOCSIS 2.0 • 230 VAC / 50 Hz In-line power supply with attached power cord with 2-pin connector for continental Europe • Ethernet and USB cables • CD-ROM containing user's guide and USB driver 	4004525
EPC2100 WebSTAR Cable Modem for the United Kingdom. Includes: <ul style="list-style-type: none"> • Euro-DOCSIS 2.0 • 230 VAC +/-15% / 50 Hz In-line power supply with attached power cord with 3-pin connector for the United Kingdom • Ethernet and USB cables • CD-ROM containing user's guide and USB driver 	4004526

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 +/-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
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



Specifications and product availability are subject to change without notice.

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