PCX2200

DOCSIS Cable Modem

Benefits

- Surf the Internet Up to 100 Times Faster than a 56K Analog Modem
- Always On, No Waiting for Dial-Up
- Diagnostic HTML User Interface
- No Phone Lines Required
- Connects to PC via USB or Ethernet for High-Speed Access
- Ideal for SOHOs Requiring Shared Access
- Easy to Read Diagnostic LEDs
- Small, Compact Footprint Takes Up Little Desk Space
- Comes with Advanced Diagnostics and Self-Installation Wizard Software
- 5 Year Warranty

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PCX2200 DOCSIS Cable Modem

Features

- Easy installation using a USB or Ethernet Connection
- CableLabs® Certified™
- Superior Transfer Rates
- Quick Modem Sync-up for Shorter Installation Times
- High Stability
- Low Failure Rates
- Unparalleled Technical Support
- Self-Installation Wizard & Advanced Diagnostics Software
- SNMP Support
- Field Upgradable Firmware
- Front Panel Display with Diagnostic LEDs
- 5 Year Warranty

The PCX2200 offers the highest performance in cable data modem technology today, providing residential and business users with one of the fastest two-way interfaces to the Internet.

The Toshiba PCX2200 DOCSIS Cable Modem has been CableLabs® Certified™ to meet the rigorous interoperability requirements of the Data Over Cable Service Interface Specification (DOCSIS) standard. This assures you that the Toshiba PCX2200 DOCSIS Cable Modem will work seamlessly with any DOCSIS network no matter where you are. The cable modem is easy to install using either USB or a standard Ethernet connection to your PC or to the network hub in a small business. With support for up to 16 PCs, the Toshiba PCX2200 DOCSIS Cable Modem is ideal for SOHO environments where secured, shared Internet access is a requirement. For MSOs, Toshiba's PCX2200 DOCSIS Cable Modem includes such advanced features as a customizable self-installation wizard, remote and local diagnostic capability, remote firmware download and SNMP support.

Toshiba PCX2200 DOCSIS Cable Modem Specifications

Downstream (Receiver)

Demodulation	64QAM, 256QAM
Physical Speed	Supports maximum DOCSIS transfer rates
Symbol Rate	5.056941 (64QAM)/ 5.360537 (256QAM) Msym/sec
Error Correction	Reed Solomon + Trellis (Enhanced Annex B)
Frequency Range	88MHz to 860MHz agile, in 62.5KHz steps
Bandwidth	6MHz
Input Signal Level	-15dBmV to +15dBmV

Upstream (Transmitter)

Modulation	QPSK, 16QAM
Physical Speed	Supports maximum DOCSIS transfer rates
Error Correction	Reed Solomon
Frequency Range	5MHz to 42MHz agile, in 1Hz steps
Frequency Selection	Controlled through SNMP
Bandwidth	200, 400, 800, 1600, 3200KHz
Output Signal Level	+8 to +58dBmV (QPSK), +8 to +55dBmV (16QAM)

SNMP Management

MIB Group	MIB II, DOCSIS MIB, Toshiba MIB

Interface

Network (PC) Interface	10BASE-T support
Cable Interface	F type female 75ohm
USB Device	Connector Type B

Equipment Specifications

Power Supply (Input)	120VAC (using AC-DC Adapter)
Power Supply (Output)	12VDC @ 1A
Power Consumption	Approximately 6W
Dimensions	3.5"(W) x 6.8"(D) x 6.6"(H)
Weight	Approximately .9 lb
Safety	UL 1310, UL 1950
Emissions	FCC part 15, class B

Environment

Operating Temperature	32° F to 104° F
Operating Humidity	10% to 90% (non-condensing)
Storage Temperature	-4° F to 140° F

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Form #: 2200DOCSISModem-1 1/02