

Broadband Blaster™ DSL Modem

8012U-V



Go Broadband — High Speed Access from a Phone Line!

USB/Ethernet ADSL-G.DMT/G.Lite Modem

The Broadxent's Broadband Blaster™ DSL 8012U-V Modem is an Asymmetric Digital Subscriber Line (ADSL) bridge that is designed to offer high-speed data access to small offices, home users and telecommuters. Compliant with ANSI T1.413 issue 2 and using industry standards such as ITU G.992.1/G.DMT rate or G.992.2/G.Lite modulation techniques, the Broadband Blaster DSL 8012U-V Modem allows users choose either the standard Ethernet 10/100 Base-T interface or the standard Universal Serial Bus interface to connect to their PCs. This ensures multi-platforms and multi-operating systems compatibility.

- Supports ITU 992.1 G.dmt, 992.2 G.Lite and ANSI T1.413 issue 2 data modulation protocols
- High speed Internet access - up to 8 Mbps downstream and 1 Mbps upstream data speeds
- Supports multiple PCs when multiple IP address are used or by using additional Router
- Assures interoperability with Major DSLAMs
- Uses the popular Ethernet 10/100 Base-T or Plug-and-Play USB Interface
- LEDs provide simple to understand system status
- Friendly GUI System Administration Tool through standard Web browser
- Tested and passed TR-48 requirement

Broadband BlasterTM DSL Modem

Technical Specifications

- Future upgradeable and field programmable
- Supports TCP and UDP data transmission
- Supports RFC 2516, PPPoE Protocol (optional PPPoE client not included)
- Supports RFC 2684, Multiprotocol encapsulation over ATM AAL5
- **ATM**
 - ATM Class of Service: UBR & CBR
 - ATM Cell over ADSL and AAL5
 - Supports up to 8 PVCs for bridge
 - QoS through AAL5 Unspecified Bit Rate
 - ATM UNI 3.1, 4.0
- **Bridging**
 - Transparent Bridging (IEEE 802.1D)
 - RFC 1483* Bridged Ethernet over ATM over DSL Encapsulation
 - Spanning Tree Protocol (IEEE 802.1D)

*in compliance with RFC 2684
- **Management**
 - Telnet management
 - SNMP management over IP
 - HTML-based Web browser interface system management

Hardware Specifications

- **LEDS**
 - Power, Ready, Link and Activity status
- **Factory Reset**
 - Recessed factory setting restore button
- **Physical Interface**
 - Compliant with ANSI T1.413 Issue 2, ITU G.992.1/G.DMT and G.992.2/G.Lite data modulation
- **Bus Interface**
 - Conforms to Universal Serial Bus Specification 1.1
- **LAN Interface**
 - Ethernet: 10/100 Base-T Ethernet, IEEE 802.3 (Connector: RJ45)
 - USB Interface/Connector: standard USB Specification 1.1
- **WAN (DSL Line) Interface**
 - Connection Loop: one pair (pin 3, 4)
 - Connector: RJ11
- **Power Requirements**
 - AC Adapter: Input 120 VAC Output 16VAC 750mA
- **Environment**
 - Operating temperature: 41° F (5° C) to 122° F (50° C)
 - Humidity: 20% ~ 90% RH
 - Storage Temperature: -4° F (-20° C) to 149° F (65° C)
 - Humidity: 10% ~ 95% RH
- **Device Dimensions**
 - Length: 7.5" (191mm)
 - Width: 6.5" (165mm)
 - Height: 1.4" (36mm)
- **Security**
 - UL 1950, FCC Part 15, FCC Part 68

Ethernet/USB ADSL- G.DMT/G.Lite Modem

Minimum System Requirements

For USB Interface

- Pentium® II 233 MHz or equivalent processor
- Windows® 98/Me/2000/XP
- 32MB of RAM
- 20MB of free hard disk space
- One available USB port
- CD-ROM drive
- A DSL ready line

For Ethernet Interface

- Pentium® PC or equivalent processor
- Windows® 95/98/Me/2000/XP
- 32MB of RAM
- 20MB of free hard disk space
- One available Ethernet port
- CD-ROM drive
- A DSL ready line

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Disclaimer

All specifications are subject to change without prior notice. The actual connection rates depend on your DSL service provider and line condition.

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