



—— DSL-200

This full-featured ADSL modem connects to a USB port on a PC. The ADSL phone line connection is made through a standard, built-in RJ-11 phone jack.

## ADSL Modem for Broadband Connection

The DSL-200 is a broadband modem that provides high-speed connection for PCs through an ADSL line. Host connection is through a plug-and-play USB interface. Offering users superior connectivity than traditional analog modems, this modem is designed to provide megabit access for interactive video, high speed data communication and Internet access.

### Up to 8Mbps Speed

The modem features G.dmt modulation for speeds of up to 8 Mbps downstream and 640 Kbps upstream. G.lite is also supported, allowing up to 1.5 Mbps downstream and 512 Kbps upstream. G.lite is sufficient for most Internet applications today, and has the advantage of not requiring the installation of a splitter at the subscriber end. The modem auto-senses the connection type and auto-negotiates the best modulation scheme, G.dmt or G.lite using the G.hs (handshake) protocol.

### Uses Existing Telephone Line

The ADSL modem operates over the existing telephone wire and does not require new transmission media such as fiber-optic cabling. ADSL makes possible high-speed multimedia services, Internet access, and video conferencing for anyone using a standard copper phone line.

### No More Busy Signals

ADSL service, once installed, is always on. There is no need to dial the ISP or corporate LAN at the other end.

### No Shared Bandwidth

Unlike traditional and cable modems, ADSL does not use shared bandwidth, a phenomenon that reduces connection speed as more users get on-line. With ADSL, the entire bandwidth is dedicated to a single connection.

### Key Features

- Supports G.dmt full rate and G.lite
- Supports G.hs auto-negotiation of different ADSL flavors
- Compliant to USB 1.1 specifications
- USB interface to PC host
- Supports bridged Ethernet over ATM and PPP over ATM
- Supports 8 bits of VPI and 16 bits of VCI address range
- Supports Windows 98, Windows 98SE, Windows 2000, Windows ME
- Plug-and-play installation
- GUI configuration and diagnostic tool

### Maximum Utilization of Resources

Regular telephone service uses only a tiny portion of the actual capacity of a conventional telephone line, while ADSL uses the remaining bandwidth for high-speed data transfer. This is accomplished by setting different frequency channels for different functions, so that voice communication occurs at the lower end of the frequency spectrum, while data transmission takes place at higher frequencies.

### Increased Productivity

ADSL makes possible simultaneous voice and data transmission. It also lets users download lengthy documents and graphics files quickly.

### USB Interface

This modem provides a plug-and-play interface with the host PC through the USB port, a standard port on many of today's PCs. The modem connects to this USB interface through a provided USB cable.

# DSL-200

## Technical Specifications

### General Standards

- ANSIT1.413 issue 2 (full rate DMT over analog POTS)
- ITU G.992.1 (G.dmt)
- ITU G.992.2 (G.lite)
- ITU G.994.1 (G.hs)
- USB 1.1 specifications

### Data Rates

- G.dmt, downstream: up to 8 Mbps
- G.dmt, upstream: up to 640 Kbps
- G.lite, downstream: up to 1.5 Mbps
- G.lite, upstream: up to 512 Kbps -Interface
- ADSL: One RJ-11 connector to connect to phone line
- USB: Type B port for upstream connection to USB host

### LED Indicators

- Power ADSL link -Signaling
- ATM signaling: UNI3.0, 3.1 and 4.0
- Precise ATM traffic shaping

### Configuration

- Local configuration from PC
- GUI configuration software provided

### Driver Support

- Microsoft Windows 98
- Windows 98 SE
- Windows 2000
- Windows ME

### Environmental & Physical

#### Power Consumption

2.5 watts (max.)

#### Power Input

Power drawn from USB host; no external power required

#### Storage Temperature

-25° - 55°C (-13°F - 131°F)

#### Operating Temperature

0° - 40°C (32° - 104°F)

#### Humidity

5% - 95% non-condensing

#### Dimensions

139.5 x 114.5 x 27.2 mm (5.49 x 4.51 x 1.07 inches)

#### Weight

200 grams (0.442 lb.)

#### Emission

- FCC Class B
- CE Class B
- C-Tick
- VCCI Class B
- BSMI Class B

#### Safety

- UL/CUL

#### Telecom Certification

- FCC Part 68
- A-Tick

## ADSL Modem



LISTED  
ITE  
E141136  
66F9



ACN 052 202 838



## Ordering Information

### ADSL USB Modem

DSL-200 ADSL modem with USB interface

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