



# Specifications

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## Physical Specifications

### Dimensions

- 5.0 x 6.2 x 1.75 in (12.7 x 15.7 x 4.5 cm)

### Weight

- 8 to 10 oz, depending on CPE model

## Interface Specifications

### Serial Interface (Cisco 633)

The 12-in-1 V.35 Data Terminal Equipment (DTE) serial connector connects to a 5-in-1 V.35 Data Communications Equipment (DCE) serial port on a Cisco router.

## LAN Interface

LAN Interface	626	627	633	673	675	675e	676	677	678
RJ-45 connector, ATM-25									
RJ-45 connector, 10Base-T/100Base-TX Ethernet, half-duplex, compliant with IEEE 802.3 and 802.3u									
RJ-45 connector, 10Base-T/100Base-TX Ethernet, half-duplex/full-duplex, compliant with IEEE 802.3 and 802.3u									

## Management Interface

- RJ-45 connector
- Baud rate: 9600 to 38400 Kbps
- Data bits: 8
- Parity: none
- Stop bits: 1
- Flow control: none

## ADSL/SDSL Interface

RJ-11 Connector/Encoding	626	627	633	673	675	675e	676	677	678
DMT Issue 1 encoding									
DMT Issue 2 encoding									
SDSL, 2B1Q encoding									
CAP encoding									
G.Lite encoding									

## Phone/Microfilter Interface (Cisco 675 and Cisco 678)

- RJ-11 connector with built-in EZ-DSL microfilter (North American version only) (Cisco 675)
- RJ-11 connector (Cisco 678)

## Software Upgrade

- Built-in Flash ROM

## Power and Operating Requirements

### Power Requirements

- 5 VDC @ 1.5 Amp

### Operating Requirements

- Temperature: 32° to 104° F (0° to 40°C)
- Humidity: 5 to 90% (non-condensing)

## SDSL 2B1Q Transmission Specifications (Cisco 633 and Cisco 673)

Table B-1 shows the SDSL 2B1Q transmission specifications for the Cisco 633 and Cisco 673.

*Table B-1 SDSL 2B1Q Transmission Specifications*

Specification	Downstream	Upstream
Maximum Transmit Power	13.5 dBm	13.5 dBm
Maximum Rate	1168 kbps	1168 kbps
Spectrum	DC-2.92 MHz	DC-2.92 MHz
Bandwidth	2.92 MHz	2.92 MHz

## CAP RADSL Transmission Specifications (Cisco 675, Cisco 675e and Cisco 678)

Table B-2 shows the CAP RADSL transmission specification.

*Table B-2 CAP RADSL Transmission Specifications*

Specification	Downstream	Upstream
Maximum Transmit Power	22.7 dBm	13.3 dBm
Maximum Rate	7168 kbps	1088 kbps
Spectrum	240 – 1335KHz	35 – 191.4KHz
Bandwidth	1.095MHz	156KHz

## DMT Issue 1 Transmission Specifications (Cisco 676)

Table B-3 shows the DMT Issue 1 RADSL transmission specification.

*Table B-3* DMT Issue 1 Transmission Specifications

Specification	Downstream	Upstream
Maximum Transmit Power	20.4 dBm	12.5 dBm
Maximum Rate	9200 kbps	832 kbps
Spectrum	138-1104 KHz	26-138 KHz
Bandwidth	966 KHz	112 KHz

## DMT Issue 2 Transmission Specifications (Cisco 627, Cisco 677 and Cisco 678)

Table B-4 shows the DMT Issue 2 Rate Adaptive DSL transmission specification.

*Table B-4* DMT Issue 2 Transmission Specifications

Specification	Downstream	Upstream
Maximum Transmit Power	20.4 dBm/Hz	12.5 dBm/Hz
Maximum Rate	8032 kbps	864 kbps
Spectrum	138-1104 KHz	26-138 KHz
Bandwidth	966 KHz	112 KHz

