

Appendix A Specifications

NETWORK INTERFACE

Line Rate

1.544 Mbps \pm 75 bps

Line Code

Bipolar, AMI or B8ZS

Input Signal

+3.5 dB DSX to -34 dBDSX

Output Signal

DSX-1 w/LBO

Transmit LBO

Selectable 0, 7.5, 15 dB

Receive LBO

Automatic

Impedance

100 ohms nominal

Framing

SF or ESF

Jitter Tolerance

Per AT&T pub 62411

Connector

RJ48C 8-pin modular jack

NETWORK LOOPBACK CODES

Set Code

10000 per AT&T pub 54016

Reset Code

100 per AT&T pub 54016

Detection Time

5 secs per AT&T pub 54016

DTE INTERFACE

Data Port Configuration

V.35, RS-530/449, RS-232, or DS-1

Data Rates

n x 56 kbps or n x 64 kbps
(n=1 to 24 DS0 time slots)
= from 56 kbps to 1.536 Mbps

Electrical

V.35, RS-530/449, RS-232, or DS-1

Connector

25-pin D-type female, adapters available

CONTROL PORT

Electrical

RS-232

Rate

300 to 19200 bps, asynchronous, 8 bit data, no parity

Connector

9-pin D-type male connector, IBM PC/AT PC compatible

POWER SUPPLY

Power source

115 Vac

Power Consumption

6 watts, typical

MECHANICAL

Dimensions

Shelf module - 9.5" x 6.3" x 0.9"

Single unit housing - 10" x 7" x 2"

ENVIRONMENTAL

Operating Temperature

0 to 50 degrees C

Storage Temperature

-40 to 70 degrees C

Relative Humidity

0 to 95% noncondensing

