

ADVANCED DATA SERVICES

DESCRIPTION OF ADVANCED DATA SERVICES (Continued)

4.2 TRANSPARENT LAN SERVICES (Continued)

4.2.2 Definitions/Abbreviations

ANSI - American National Standards Institute.

ATM - Asynchronous Transfer Mode

AUI - Autonomous Unit Interface

CIR – Committed Information Rate

Decibel (dB) - A measurement of change in signal strength. One decibel (1 dB) of loss in a lightwave system represents about a 20 percent drop in power.

Domain – A Virtual Local Area Network (VLAN) or a collection of circuits that belong to one closed user group.

EIR – Excess Information Rate (MEF 10)

FDDI - 100 Mbps Fiber Distributed Dual Interface (ANSI X3T9)

Gigabits Per Second (Gbps.): Data transfer rate for 1000 Mbps – The speed at which data is transferred through the network, where one (1) Gigabit Per Second equals the transfer rate of one (1) billion bits of data in one (1) second.

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IEEE - Institute of Electrical and Electronics Engineers

MAU - Multi-Station Access Unit

Megabit Per Second (Mbps) – The speed where data is being transferred in the network, where one Megabit Per Second equals a transfer rate of 1 million bits of data in 1 second.

Nanometers (nm) – Wavelength frequency equivalent to 1 billionth of a meter.

802.3 - IEEE 10 Mbps Ethernet Local Area Network

802.5 - IEEE 16 Mbps Token Ring Local Area Network

802.3u - IEEE 100 Mbps Ethernet Local Area Network

802.3z - IEEE 1000 Mbps Ethernet Local Area Network

UTP - Unshielded Twisted Pair

STP - Shielded Twisted Pair

RJ45 - Standard eight conductor modular jack or plug

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