

ADVANCED DATA SERVICES

DESCRIPTION OF ADVANCED DATA SERVICES (Continued)

4.2 TRANSPARENT LAN SERVICES

4.2.1 General (Cont'd)

Six EVC service classes are available for use with the ERS service type : (C)

ERS Standard (ERS-Std), ERS Basic (ERS-B), and EVP-LAN Basic (EVPLAN-B): (C)
designed for customer applications that do not require a Committed Information Rate (CIR) or low delay, where CIR = 0 and EIR = # of Mbps of the selected ERS-Std/ERS-B (C)
or EVPLAN-B EVC service class.

ERS-Priority Data (ERS-PD) : designed for customer applications which do not require low delay, but require a Committed Information Rate (CIR), where CIR = # of Mbps of the selected ERS-PD EVC service class and EIR = # of Mbps of the selected ERS-PD EVC service class.

ERS-Real Time (ERS-RT) and EVP-LAN Real Time (EVPLAN-RT): designed for (C)
customer applications which require a Committed Information Rate (CIR) and low delay for some portion of their traffic, where CIR = # of Mbps of the selected ERS-RT or EVPLAN-RT EVC service class and EIR = 0. EVPLAN-RT is not available for 10 Gbps (C)
UNI speed. (C)

An ERS EVC can have up to three service classes (ERS-B, ERS-PD and ERS-RT) as (C)
described above within each EVC. An EVP-LAN EVC can include one service class (either EVPLAN-B or EVPLAN-RT) as described above within each EVC. The customer will be required to identify the Basic, PD and RT Class of Service Ethernet frames by one of the following choices: setting the VLAN Class of Service (CoS) ID (for 802.1q tagged Ethernet Frames), or setting the DiffServ Code Point (DSCP) (for tagged or untagged Ethernet frames) or setting the VLAN ID (for tagged or untagged Ethernet frames), appropriately. (C)