

Digipath Digital Service

6. DIGIPATH® Digital Service (DDS)

6.1 General

6.1.3 Service Components	
A.	Digital Access Lines — Stations which are normally served by means of baseband transmission from the Telephone Company digital serving central office require a Type 1 DAL. Stations outside the serving range of baseband transmission from the Telephone Company digital serving central office require a Type 2 DAL.
1.	Type 1 — DALs furnished for digital transmission at synchronous rates of 2.4, 4.8, 9.6 or 56 kbps to serve stations inside the normal serving range of baseband transmission from the Telephone Company digital serving central office.
2.	Type 2 — DALs furnished for digital transmission at synchronous rates of 2.4, 4.8, 9.6 or 56 kbps to serve stations outside the normal serving range of baseband transmission from the Telephone Company digital serving central office.
a.	When stations located in a digital serving area require Type 2 DALs, the DAL mileage is based on the airline mileage distance between the Telephone Company digital serving central office and the Telephone Company central office serving such stations.
B.	Data Service Unit — This unit is required for each station at a customer's or user's premises to perform such functions as proper coding and decoding of signals, timing recovery, synchronous sampling, formatting, and generation and recognition of control signals.
C.	Channel Service Unit — Is required for each DAL at a customer or user's premises to perform such functions as proper termination of service, regeneration, signal shaping, and provide remote loop-back capability. The CSU must comply with the requirements of the PUB 62310.
1.	The customer or user may not disconnect the customer channel service unit from the local distribution channel without written consent of the Telephone Company.
D.	Inter-DSA Channel — Required for digital transmission at synchronous rates of 2.4, 4.8, 9.6 or 56 kbps when service is furnished between two digital city serving areas.
E.	Multi-Station Arrangement — Required to provide for DDS between three or more digital stations on the same and/or different premises located in the digital city serving area.