3. Unbundled Multiplexer
3.1 Description

3.1.1	General
A.	An unbundled multiplexer offers the functionality of combining multiple input signals of lower capacity or bandwidth into one facility for transmission over a single higher speed channel (or the reverse thereof). The unbundled multiplexer is dedicated to the use of the ordering CLEC in its provisioning of local exchange and associated exchange access services.
1.	The unbundled multiplexer is offered as an individual network element separate from dedicated transport facilities and/or trunking.
2.	The unbundled multiplexer is accessed by the CLEC from its collocation arrangement that has been established in the same wire center as the multiplexing equipment.
B.	With an unbundled multiplexer, both the higher speed channel and the lower speed channels terminate via appropriate collocation cross connections, at the CLEC's collocation arrangement. The following unbundled multiplexer arrangements are offered, subject to availability.
1.	**DS3 to DS1 (3/1)—** A transmission interconnection device that interleaves 28 CLEC DS1 signals to form a single CLEC DS3 signal. The 3/1 multiplexer also performs the reverse function of dividing a CLEC DS3 signal into 28 CLEC DS1 signals. The DS3 channel associated with the 3/1 multiplexer interfaces the CLEC at a DSX-3 bay and the 28 DS1 channels interface the CLEC at a DSX-1 bay.
2.	**DS1 to DS0 (1/0)—** A transmission interconnection device that converts 24 CLEC voice grade analog signals into 24 DS0 signals and then combines these signals into a single CLEC DS1 signal. The 1/0 multiplexer also performs the reverse function of dividing a CLEC DS1 signal into 24 DS0 signals and then converting those DS0 signals into 24 CLEC voice grade analog signals. The interface for the DS1 channel associated with the 1/0 multiplexer is at a DSX-1 bay at the CLEC's collocation arrangement with the Telephone Company, and the voice grade channels interface is at a VF bay at the CLEC's collocation arrangement with the Telephone Company.

3. Unbundled Multiplexer
3.2 Application of Rates and Charges

3.2.1	Monthly
A.	A monthly charge applies for each multiplexer at each location where the multiplexing function is performed. This charge is in addition to the appropriate monthly collocation cross connect charges for individual channels activated.