

FRONTIER TELEPHONE OF ROCHESTER, INC.
P.S.C. NO. 4 - TELEPHONE
Effective Date: 10/05/2020

Leaf: 10
Revision: 0
Superseding Revision:

1 Unbundled Network Elements (UNE) (Cont'd)

1.5 Four-Wire Links

1.5.1 General

A four-wire link is available for the transmission of analog and digital signals using separate transmit and receive paths between The Company's central office and the network interface device at the end user's premises.

The analog four-wire link provides for the transmission of analog signals with an approximate bandwidth of 300-3000 Hz from an end user's premises to a point of interconnection at a collocation arrangement in The Company's Serving Central Office using separate transmit and receive paths. The analog four-wire link is called a Basic 4-Wire Link.

The digital four-wire link provides a channel equivalent to two two-wire, non-loaded, twisted pair copper from end user's premises to a point of interconnection at a collocation arrangement in The Company's Serving Central Office. The Company will not construct new copper facilities to provide these links.

Level 1: Provides a balanced non loaded copper loop between the ILEC MDF and the Customer demarc. If the pair is loaded, load coil(s) will be removed. No commitment to length, gauge and/or bridged tap is to be assumed.

Level 2: Provides a balanced, non-loaded copper loop between the ILEC MDF and the Customer demarc. No commitment to length, gauge or bridged tap individual length and/or location is to be assumed.

Level 3: Provides a balanced, non-loaded, copper loop without bridged tap between the ILEC MDF and the Customer demarc. If the pair is loaded, load coil(s) will be removed. All bridged taps will be removed. No commitment to length or gauge is to be assumed.

The digital four-wire link provides a four-wire transmission channel that physically consists of a subscriber loop facility that extends from the Serving Central Office distribution frame to the end user customer premises Network Interface Device. The digital four-wire link is provided using four-wire non-loaded copper (2 pair) with no intermediate electronics, or Universal Digital Loop Carrier.

Issued By: Leslie Zink, Pricing and Tariff Manager, 21 West Ave, Spencerport, NY 14559