



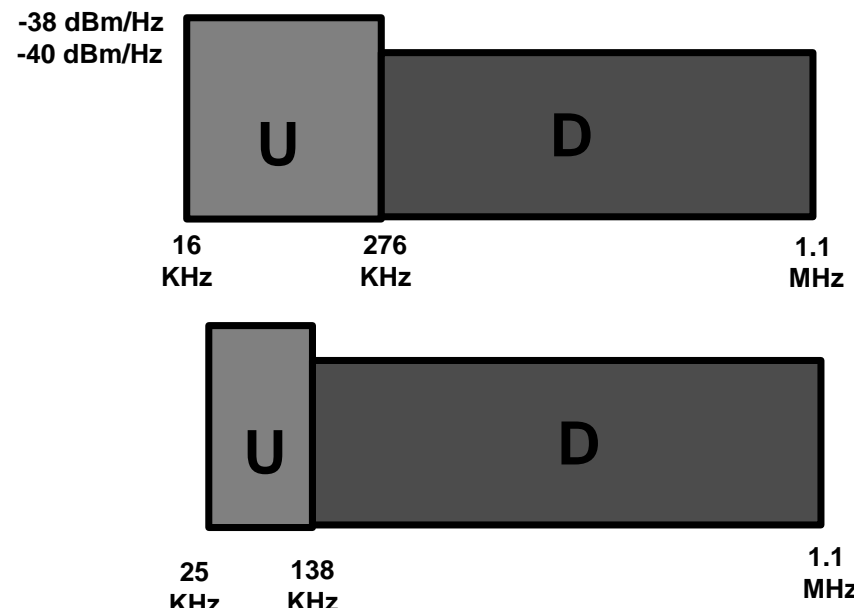
EFM and 12 kft

ADSL-*symm* and ADSL Spectrum study

- B. Rezvani, Q. Aldrubi: Ikanos Communications
- H. Frazier: Dominet Systems
- M. Sabaro: GlobeSpan
- V. Friedman: Analog Devices
- T. Haddad: Zarlink



ADSL-Symm.



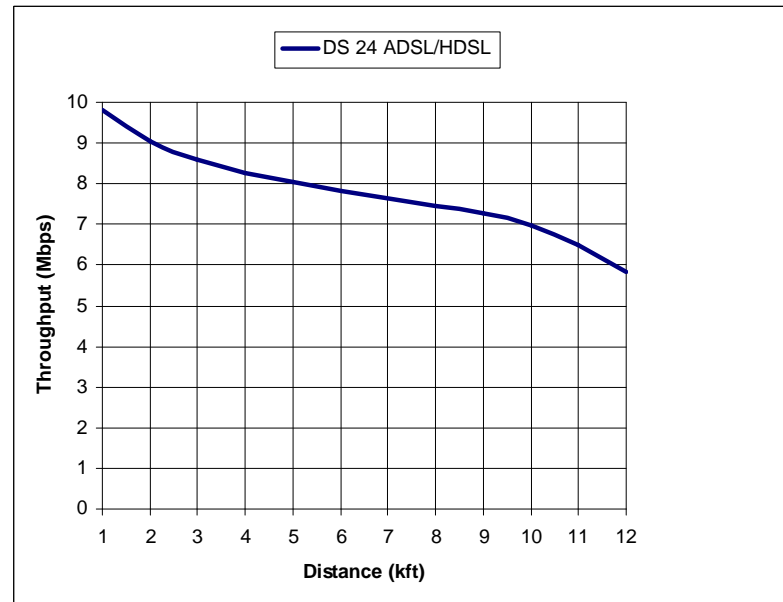


Simulation Assumptions

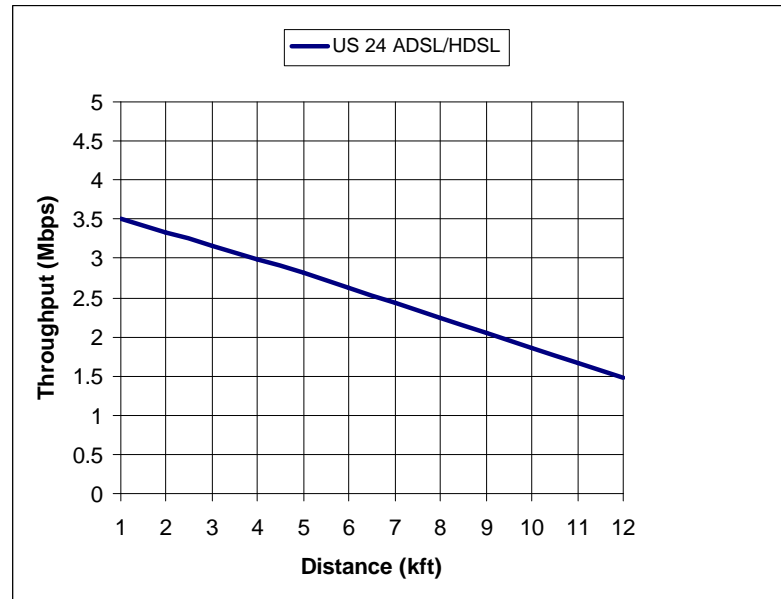
- -140 dBm/Hz line noise
- 5.5 dB coding gain
- Cross-talk assumption as shown in each chart
- 24-gauge cable
- 6 dB noise margin
- 8% overhead

ADSL-symm

Downstream Data Rate

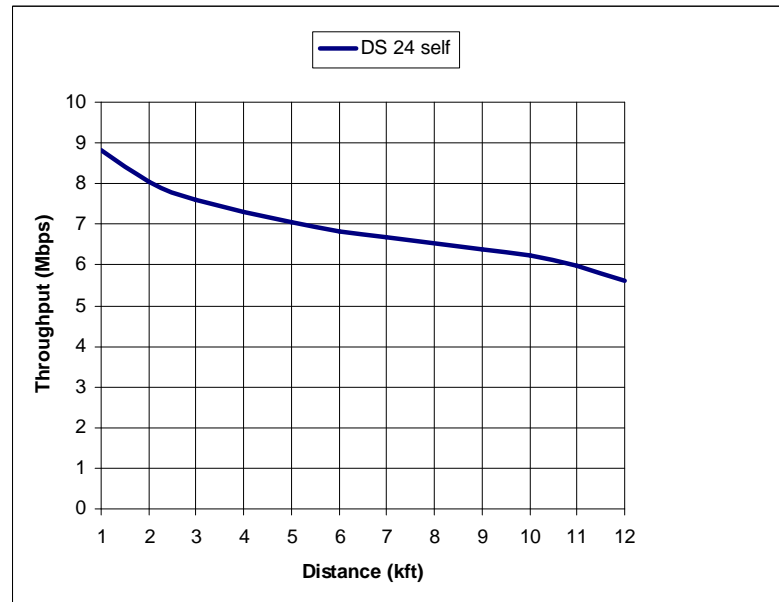


ADSL-symm Upstream Data Rate



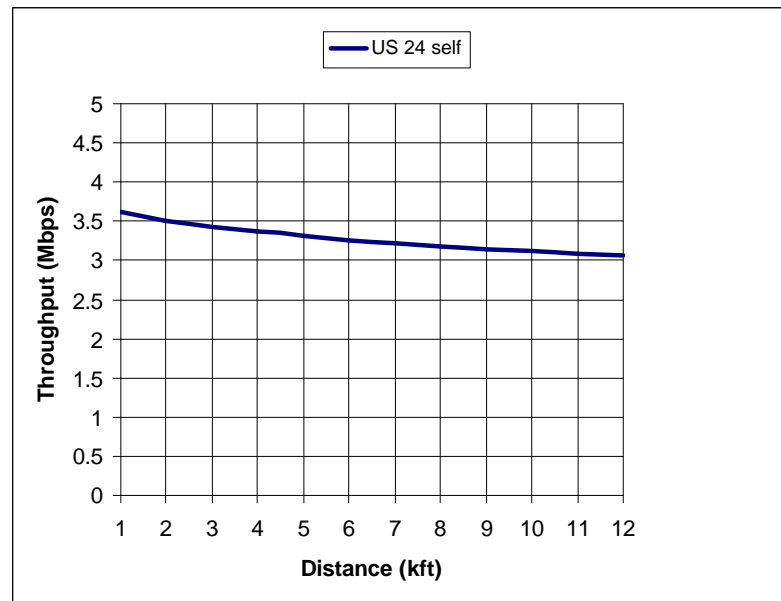
ADSL-symm

Downstream Data Rate

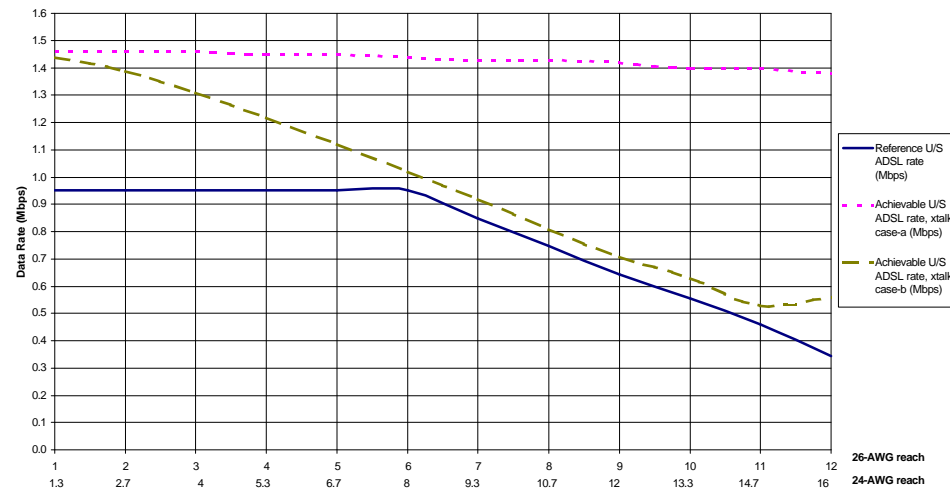


ADSL-symm

Upstream Data Rate



ADSL Upstream performance in presence of ADSL-symm



ADSL downstream in the presence of ADSL-symm

