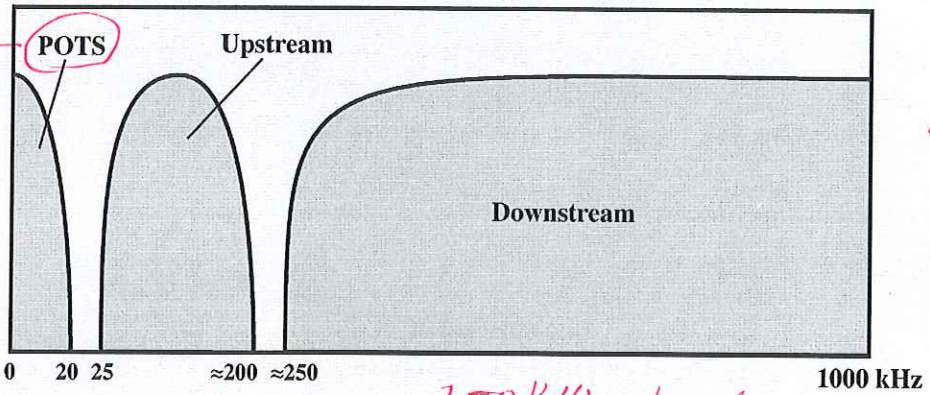


# Asymmetric Digital Subscriber Line (ADSL)

Plain old telephone system

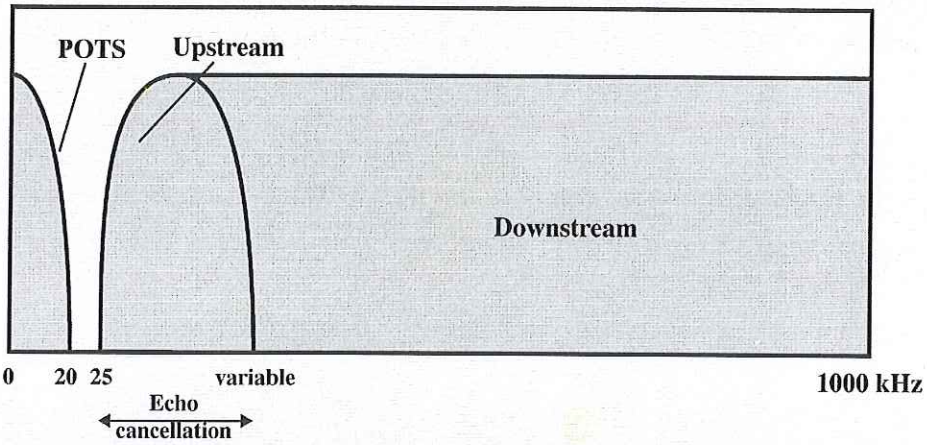


twisted pair telephone cable.

175 KHz upload, 750 KHz download.

N=3 modes

(a) Frequency-division multiplexing



(b) Echo cancellation

Figure 8.14 ADSL Channel Configuration