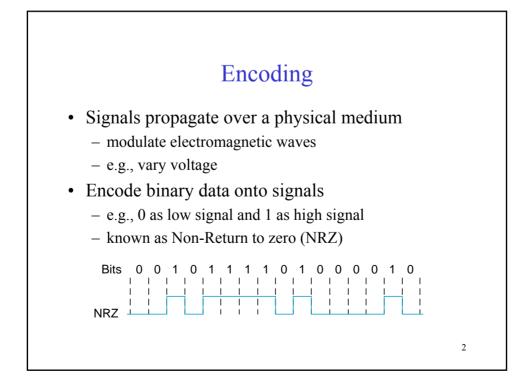
Point-to-Point Links

1

Outline Encoding (bits) Framing (frames) Error Detection Sliding Window Algorithm



Problem: Consecutive 1s or 0s

- Low signal (0) may be interpreted as no signal
- High signal (1) leads to baseline wander
 - Attenuation: the receiver uses the average to distinguish between low and high signals.

3

- Unable to recover clock
 - The clocks of the sender and the receiver must be synchronized
 - The receiver derives the signal from the signal transistions

