

Category	Scheme		Wave Form	Bandwidth	Characteristics
Unipolar	NRZ	H = 0 L = +		$B=N/2$	Costly, no self-synchronization if long 0s or 1s, DC
Polar	NRZ-L	L = + H = -		$B = N/2$	No self-synchronization if long 0s or 1s, DC
	NRZ-I	Inversion: Next bit is 1			$B=N/2$
		No inversion: Next bit is 0			$B=N$
	Biphase	Different Manchester		No inversion: Next bit is 1	
Inversion: Next bit is 0					
Bipolar	AMI	0 = 0 1 = 1 or -1		$B = N/2$	No self-synchronization for long 0s, DC