

































4B/5B Encoding	
 Data coded as symbols of 5 line bits → 4 data bits, so 100 Mbps uses 125 MHz. Encoding ensures no more than 3 consecutive 0's Uses NRZI to encode resulting sequence Uses less frequency than Manchester encoding 16 data symbols, 8 control symbols Data symbols: 4 data bits Control symbols: idle, begin frame, etc. Example: FDDI. 	-
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4B/5E	3 Enco	oding			
	Data	Code	Data	Code	
From		11110 01001 10100 10101 01010 01011 01110 01111 To	1000 1001 1010 1011 1100 1101 1110 1111	10010 10011 10110 10111 11010 11011 11100 11101	
datalin	nk	modulator			19





















