

RS-232

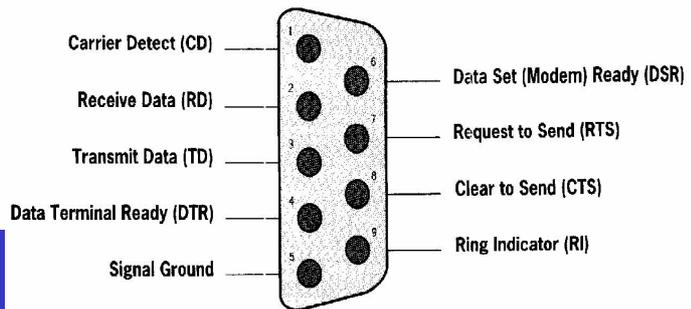
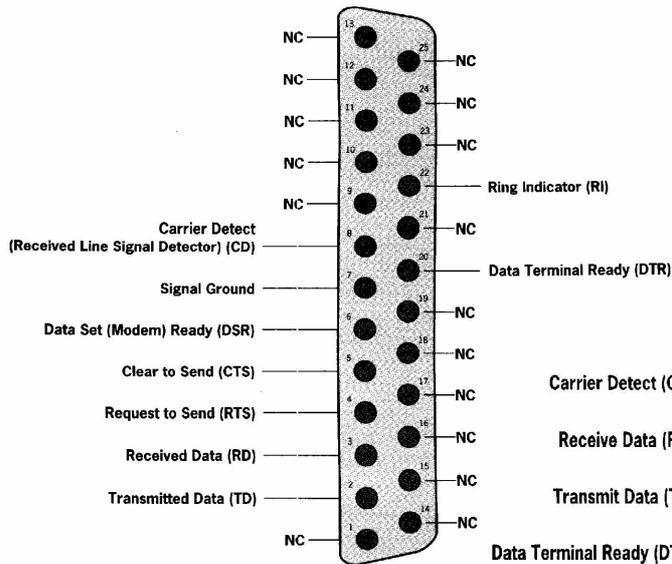


Introdução

- Sinal bipolar
 - $-3V$ a $-15V$ marca $+3V$ a $+15V$ espaço
- Comunicação DTE–DCE serial até 20m
- Taxas de até 19200bps
- Extensões para até 1.6Mbps
- Chips comuns
 - 8250 até 38400bps
 - 14550 até 115200bps
 - 16550A até 921600bps com FIFO

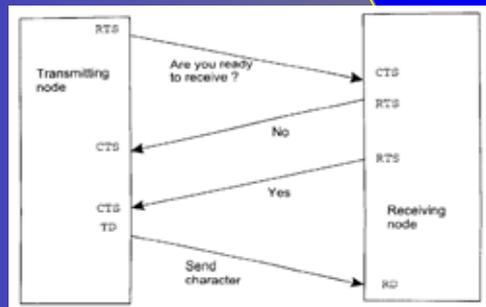
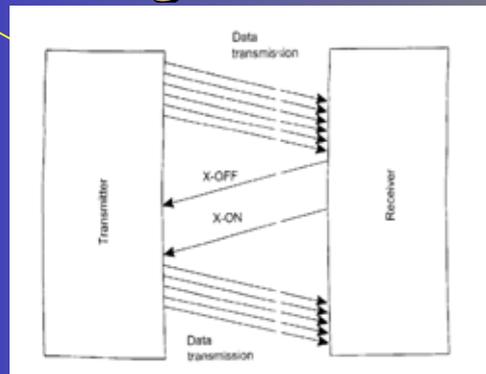


Conectores e Sinais



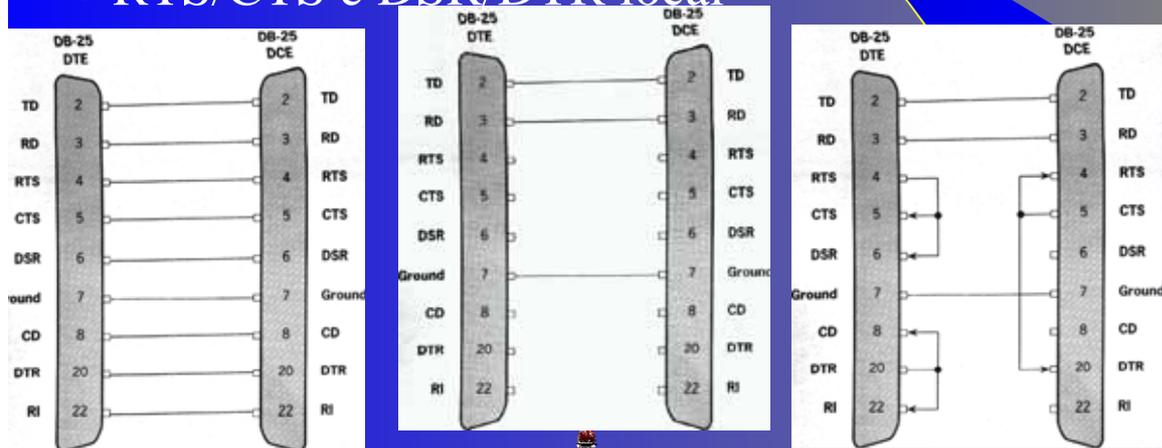
Handshaking

- Por software
 - X-ON= \wedge S=11h
 - X-OFF= \wedge Q=13h
- Por hardware
 - RTS/CTS
 - DSR/DTR



Cabeamento DTE-DCE

- Handshaking completo
- Sem handshaking
- RTS/CTS e DSR/DTR local

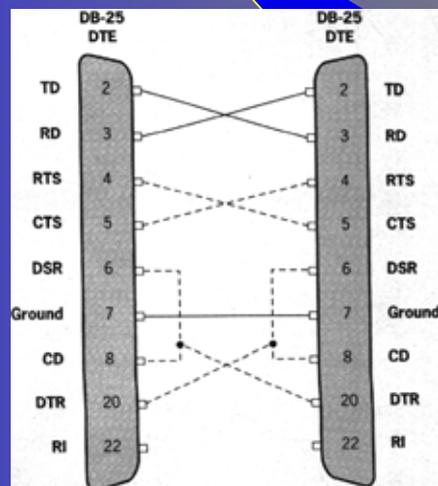


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Cabeamento DTE-DTE Null-modem

- A três fios
 - Sem handshaking
 - RTS/CTS e DSR/DTR conectados localmente
- A cinco fios
- A sete fios



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