

NULL MODEM CABLE

Make up the cable using DB9 and/or DB25 Female Connectors.

	<u> 25pin</u>	<u>9pin</u>	Signal Direction	<u> 25pin</u>	<u>9pin</u>	
TX	2	3	———	3	2	RX
RX	3	2	-	2	3	TX
RTS	4	7		5	8	CTS
CTS	5	8	—	4	7	RTS
DSR	6	6	←	20	4	DTR
DCD	8	1	\leftarrow	22	9	RI*
RI*	22	9	\leftarrow	6	6	DSR
DTR	20	4		8	1	DCD
GND	7	5		7	5	GND

^{*} On some cables no connection is made to the RI pin (modem ring). In most cases, this will have no effect on the communication since the signal is only used when there is a modem connected. On some PC's the RI pin has been known to latch high when it is not strapped. This causes "Ringing" interrupts and can result in slow communication even though the interrupt is ignored during upload/download and emulation.