## **Modem Cables**

## EIA-232 Modem Cables DB-25 to DB-9

The wiring diagram for a DB-25 to DB-9 modem cable is shown in Table 1.

Table 1: EIA-232 DB-25 to DB-9 modem cable

From DB-	Signal	Direction	Signal	To DB-9
8	DCD	<b>←</b>	DCD	1
3	RxD	<b>←</b>	RxD	2
2	TxD	$\rightarrow$	TxD	3
20	DTR	<b>→</b>	DTR	4
7	SG	$\leftrightarrow$	SG	5
6	DSR	<b>←</b>	DSR	6
4	RTS	<b>→</b>	RTS	7
5	CTS	<b>←</b>	CTS	8
22	RI	<b>←</b>	RI	9
Shell	GND	<b>↔</b>	GND	Shell

<sup>\*</sup> Arrows indicate which direction the signal is flowing

## **NOTES:**

- Altpin should be turned off when using this cable.
- This cable utilizes the CTS signal of the modem for hardware flow control (RTS/CTS).