## **Modem Cables**

## Terminal/Printer Cables, DB-25 to DB-25

The wiring diagram for a DB-25 to DB-25 terminal/printer cable is shown in Table 1.

Table 1: EIA-232 DB-25 to DB-25 terminal/printer cable

From DB- 25	Signal	Direction	Signal	To DB-25	13 1 13 13 (0000000000000000000000000000
6	DSR	<b>←</b> ∟ ,	RTS	4	0 0000000000000000000000000000000000000
8	DCD	<b>←</b> Γ	<b>_</b>	25 14 14 25 Female DB-25 Male DB-25	
3	RxD	<b>←</b>	TxD	2	
2	TxD	<b>→</b>	RxD	3	
20	DTR	>	DSR	6	
		¬→	DCD	8	
7	SG	<b>↔</b>	SG	7	
4	RTS	<b>→</b>	CTS	5	
5	CTS	←	DTR	20	Connectors not to scale
Shell	GND	$\leftrightarrow$	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 DTR signal of the terminal/printer for hardware flow control (RTS/CTS).
- Okidata printers may use SSD (pin 11) instead of DTR (pin 20) on Term/Prn DB25 side of above diagram. If this is the case, the printer should be set to SSD+.