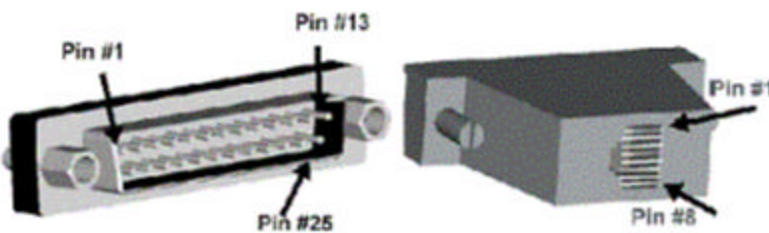# Modtap - RJ-45f (Etherlite) to DB-25m DTE

The wiring diagram for an RJ-45 8-pin to DB-25 DTE modtap is shown in Table 1. This adapter is used to connect a modem to an Etherlite port, and is available from Digi by ordering part number 76000450.

Table 1: EIA-232 RJ-45 8-pin to DB-25 DTE modtap

From RJ-45	Signal	Direction	Signal	To DB-25	
1	RTS	→	RTS	4	
2	nc	X	DSR	6	
3	DCD	←	DCD	8	
4	RxD	←	RxD	3	
5	TxD	→	TxD	2	
6	SG	↔	SG	7	
7	DTR	→	DTR	20	
8	CTS	←	CTS	5	

* Arrows indicate which direction the signal is flowing

NOTES:

- This cable utilizes the RTS/CTS signals of the modem for hardware flow control.
- A straight-through RJ45 cable is used between Etherlite and modtap adapter.
- EIA-232 cables cannot exceed 2500pF.

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