Modem Cables

EIA-232 Modem Cables RJ-45 10-pin to DB-25

The wiring diagram for a RJ-45 10-pin to DB-25 pin modem cable is shown in Table 1.

Table 1: EIA-232 RJ-45 10-pin to DB-25

From RJ-45	Signal	Direction	Signal	To DB-25	500VT 10 1 1 13
10	DCD	←	DCD	8	FRONT: (1000000000000000000000000000000000000
6	RxD	←	RxD	3	RJ-45 10-Pin 14 25
5	TxD	\rightarrow	TxD	2	Male DB-25
9	DTR	\rightarrow	DTR	20	
7	SG	↔	SG	7	
2	DSR	←	DSR	6	
3	RTS	\rightarrow	RTS	4	
8	CTS	←	CTS	5	2001
1	RI	←	RI	22	Connectors not to scale
Shell	GND	\leftrightarrow	GND	Shell	

^{*} Arrows indicate which direction the signal is flowing

These cables can also be purchased form Digi (See part numbers below).

- 2' RJ-45 10-pin to DB-25 Pin Part #76000129
- 4' RJ-45 10-ping to DB-25 Pin Part #76000195

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).

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76000129