Cisco RJ45 Console to RocketPort/DeviceMaster RJ45 Port Wiring Diagram

Cisco Console Port RJ-45 (DTE)			Comtrol RP/DM RJ-45 (DTE)	
Signal	Pin		Signal	Pin
CTS	1	↔	RTS	1
DTR	2	↔	DSR	7
TxD	3	↔	RxD	5
Gnd	4	cable colors	Gnd	3
Gnd	5	may vary	N/A	
RxD	6	↔	TxD	4
DSR	7	↔	DTR	2
RTS	8	↔	CTS	8

Cisco Console Port RJ-45 (DTE) as identified in Cisco's document "Cabling Guide for Console and AUX Ports" Document ID: 12223, at this link:
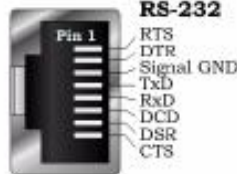http://www.cisco.com/en/US/products/hw/routers/ps332/products_tech_note09186a0080094ce6.shtml#topic5
The Cisco supplied cable RJ45 to DB9 will be used for RocketPort/DeviceMaster products that have DB9 style connectors with no modifications necessary to the cable.

Comtrol ports as identified in Comtrol's document customcables.pdf on page 16-17 at this link:
ftp://ftp.comtrol.com/tech_misc/cabling/customcables.pdf

RJ45 Jack (Receptacle) Signals
RS-232
Pin 1
RTS
DTR
Signal GND
TxD
RxD
DCD
DSR
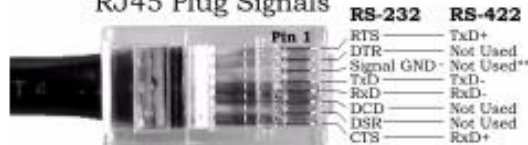CTS

Pinouts for the RJ45 Interface Module (RS-232/422)

The following figures provide pinout information for the RJ45 plug and receptacle for the RJ45 interface module.

Pin 1

RJ45 Plug Signals

	RS-232	RS-422
Pin 1	RTS	TxD+
	DTR	Not Used
	Signal GND	Not Used**
	TxD	TxD-
	RxD	RxD-
	DCD	Not Used
	DSR	Not Used
	CTS	RxD+

**Pin 3 is tied to ground on the board, but is not used in the cable.

Note: Ring indicator is not supported on the RJ45 connector.