

CoCo DriveWire Serial Cable

Physical Interface Requirements

The physical cable connecting the CoCo to the Server is recommended to be no longer than 10 feet in length. At a minimum, it shall carry the following four wires:

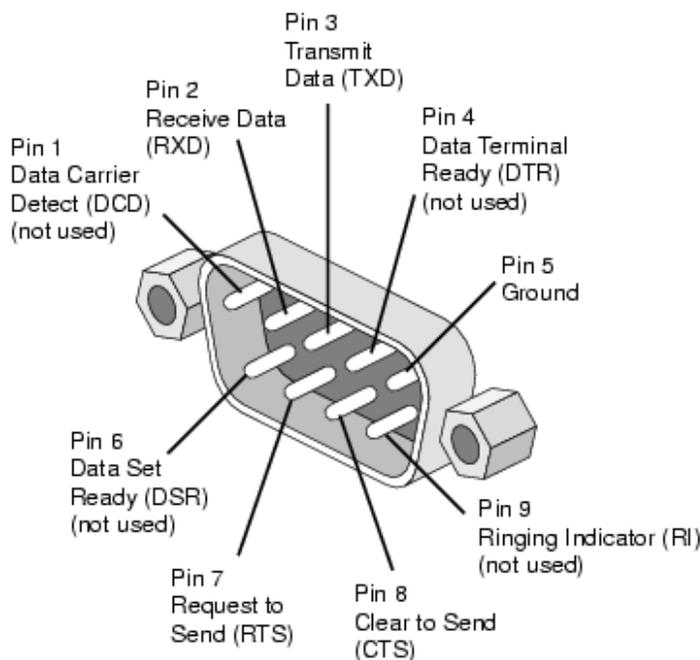
- Ground
- Vcc
- RD (Read Data)
- WD (Write Data)

A 4 pin DIN connector shall be on one end of the cable which will mate to the jack on the back of the CoCo marked “Serial I/O”. The other end of the cable shall be either a DB-9 or DB-25 female connector which will mate to an appropriate serial port on the Server.

The following table shows the connections between the CoCo 4 pin DIN connector to either a 9-pin DB-9 serial connector or a 25-pin DB-25 serial connector.

CoCo 4 pin DIN	DB-9	OR	DB-25
Pin 2 (RD)	Pin 3 (TD)		Pin 2 (TD)
Pin 3 (GND)	Pin 5 (GND)		Pin 7 (GND)
Pin 4 (TD)	Pin 2 (RD)		Pin 3 (RD)

Table 1 - CoCo to Server Cable Pinout



DB-25 Male		
	Pin 1	Pin 13
	↓	↓
	↑	↑
	Pin 14	Pin 25
Pin	232	422/485
2	TXD	RTS+ (HSO+)
3	RXD	CTS+ (HSI+)
4	RTS	RTS- (HSO-)
5	CTS	TXD+
6	DSR ³	CTS- (HSI-)
7	GND	RXD-
8	DCD ³	GND
20	DTR ³	RXD+
22	RI ³	TXD-
Pins not listed in this table are “No Connect.”		
³ These signals are “No Connect” on the PCI-232I and PXI-8422 ports.		