

The following figure shows the layout of the cable between a door board and the external plug.

I needed to make one of these up after someone had jammed something into the socket under the display panel and bent the pins.

## **Door Board to External Plug**

<b>Door Board</b>	3-pin Header	DE-9P	External Plug	RS232 Standard
Receive Data	1 ←	1		CD (Carrier Detect)
TransmitData	2 ———	→ 2	Receive Data	RXD (Receive Data)
Signal Ground	3 ———	3	TransmitData	TXD (Transmit Data)
		4		DTR (Data Terminal Ready)
		5	Signal Ground	SG (Signal Ground)
		6		DSR (Dataset Ready)
		7		RTS (Request to Send)
		8		CTS (Clear to Send)
		9		RI (Ring Indicator)

Overall length is approximately 150mm end to end.

Ribbon or other light cable is suitable.

Check the header plug: it has a mark for pin 1. Pin numbers for the DE-9P are usually moulded in the plastic part.

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