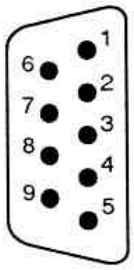
Note

Some DTE devices may have female connectors. Also, the RS-232 parts of personal computers may be configured as DCE or DTE devices, with either a 25-pin or a 9-pin connector. Refer to the documentation that accompanies your computer or terminal to determine if it is a DTE or a DCE device.

The equipment is a DTE device with a 9-pin D-type shell RS-232 connector located on the rear panel. In standard usage, a male connector appears on DTE devices, and a female connector appears on DCE devices. A straight through female-to-male cable of less than 50 feet is typically used for local DTE-to-DCE connection. Figure 1-10 on page 1-8 shows the equipment 9-pin connector with its pin number assignments. When connecting the equipment to another RS-232 device consider these suggestions:

- Many devices require a constant high signal on one or more input pins.
- Do not connect the output line of one DTE device to the output line of the other.
- Ensure that the signal ground of the equipment is connected to the signal ground of the external device.
- Ensure that the chassis ground of the equipment is connected to the chassis ground of the external device.

9-PIN D-SHELL



1. No Connection
2. Receive Data (R×D) (input)
3. Transmit Data(T×D) (output)
4. Data Terminal Ready(DTR) (output)
5. Signal Ground (GND)
6. Data Set Ready (DSR) (input)
7. Request to Send (RTS) (output)
8. Clear to Send (CTS) (input)
9. No connection

Figure 1-10: Pin Assignments of the RS-232 Connector

DB9 to DB9

This wiring configuration is used for computers with DB-9-D connectors configured as Data Terminal Equipment.