Adapters

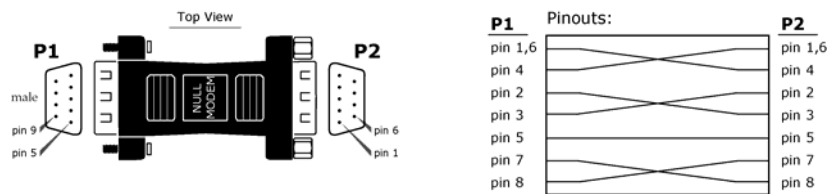## NULL Modem Adapter (male-to-male)

Part Number: JD2D2-CDN-A (Black, DB-9 M-M) The male-to-male NULL modem adapter can be used to connect two DCE devices. A DCE device is one that connects with a straight-through cable to the male serial port of a computer (DTE).
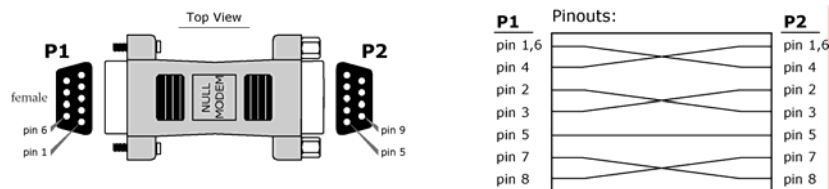
Figure 7.   Male NULL modem adapter and pinouts

NULL Modem Adapter (female-to-female)

Part Number: JD3D3-CDN-A (Gray, DB-9 F-F) The female-to-female NULL modem adapter can be used to verify serial cabling is functioning properly. To test cables, insert the female-to-female NULL modem adapter in place of a pair of radio modems and test the connection without radio modules in the connection.
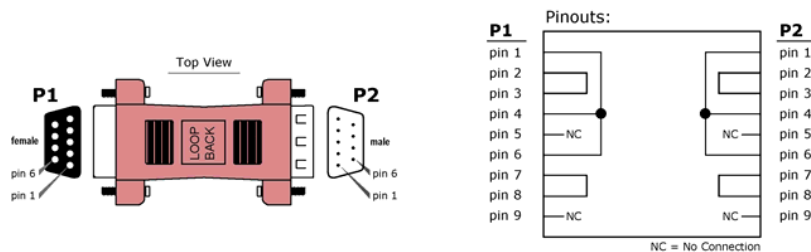
Figure 8.   Female NULL modem adapter and pinouts

Serial Loopback Adapter

Part Number: JD2D3-CDL-A (Red, DB-9 M-F) The serial loopback adapter is used for range testing. During a range test, the serial loopback adapter configures the radio modem to function as a repeater by looping serial data back into the radio for retransmission.
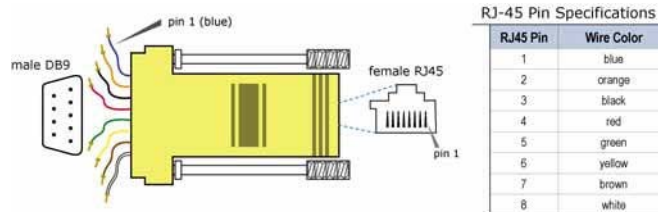
Figure 9.   Serial loopback adapter and pinouts

Male DB-9 to RJ-45 Adapter

Part Number: JE1D2-CDA-A (Yellow, RJ-45 female to DB-9 male) This adapter facilitates adapting a DB-9 connector to a CAT5 cable.

Figure 10.   Male RS-485/422 Adapter and pin specifications

RJ-45 Pin Specifications	
RJ45 Pin	**Wire Color**
1	blue
2	orange
3	black
4	red
5	green
6	yellow
7	brown
8	white

Female DB-9 to RJ-45 Adapter

Part Number: JE1D3-CDA-A (Green, RJ-45 female to DB-9 female) This adapter facilitates adapting a DB-9 connector to a CAT5 cable.

Figure 11.   Female RS-485/422 Adapter and pin specifications

RJ-45 Pin Specifications	
RJ45 Pin	**Wire Color**
1	blue
2	orange
3	black
4	red
5	green
6	yellow
7	brown
8	white