**A P P E N D I X    C**

# Crossover Cable Pinouts

This appendix provides the pinouts for creating a crossover cable if a standard crossover cable is not available. You must use a crossover cable to connect the bridge directly to the Ethernet port on a computer.

Table C-1 below lists the signals and pins on each end of the cable. The wire on the pin 1 location on cable end A must be connected to the pin 3 location on cable end B, and so on. Figure C-1 shows the pin numbering on an RJ-45 connector.

*Table C-1    Pinouts for a Crossover Cable*

| Cable End A | | Cable End B | |
|---|---|---|---|
| Signal | Pin | Pin | Signal |
| Tx+ | 1 | 3 | Rx+ |
| Tx– | 2 | 6 | Rx– |
| Rx+ | 3 | 1 | Tx+ |
| – | 4 | 4 | – |
| – | 5 | 5 | – |
| Rx– | 6 | 2 | Tx– |
| – | 7 | 7 | – |
| – | 8 | 8 | – |

**Note**    Pins 3 and 6 at cable end A must be a twisted pair wired through to pins 1 and 2, respectively, at B.

Pins 1 and 2 at cable end B must be a twisted pair wired through to pins 3 and 6, respectively, at cable end A.

Pins 4, 5, 7, and 8 are not used in this application, although they may be wired in the cable.

*Figure C-1    Pin Numbering on an RJ-45 Connector*



12345678    RJ-45 connector    43757