



# Cable Pinouts

## Contents

This appendix describes pinout information for 10/100/1000BaseT, console, and RJ 45 to DB 9 ports, and the MGMT 10/100 Ethernet port. It contains the following topics:

- [10/100BaseT and 10/100/1000BaseT Connectors, page F-1](#)
- [Console Port \(RJ-45\), page F-2](#)
- [RJ-45 to DB-9 or DB-25, page F-3](#)

## 10/100BaseT and 10/100/1000BaseT Connectors

The appliance supports 10/100/1000BaseT ports. You must use at least a Category 5 cable for 100/1000Base-TX operations. You can use a Category 3 cable for 10Base-TX operations.

[Figure F-1](#) shows the 10/100BaseT (RJ-45) port pinouts.

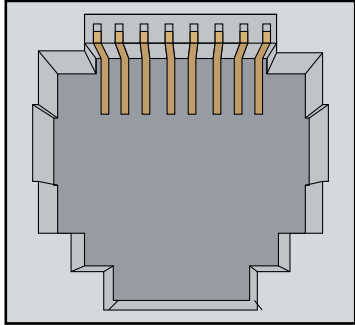
**Figure F-1** 10/100 Port Pinouts

Pin	Label	1 2 3 4 5 6 7 8
1	TD+	
2	TD-	
3	RD+	
4	NC	
5	NC	
6	RD-	
7	NC	
8	NC	

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Figure F-2 shows the 10/100/1000BaseT (RJ-45) port pinouts.

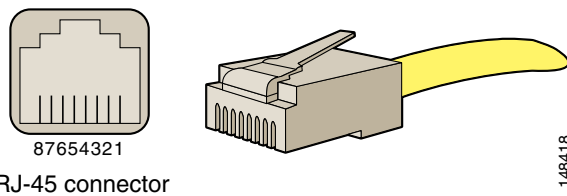
**Figure F-2** 10/100/1000 Port Pinouts

Pin	Label	1 2 3 4 5 6 7 8
1	TP0+	
2	TP0-	
3	TP1+	
4	TP2+	
5	TP2-	
6	TP1-	
7	TP3+	
8	TP3-	

## Console Port (RJ-45)

Figure F-3 shows the RJ 45 cable.

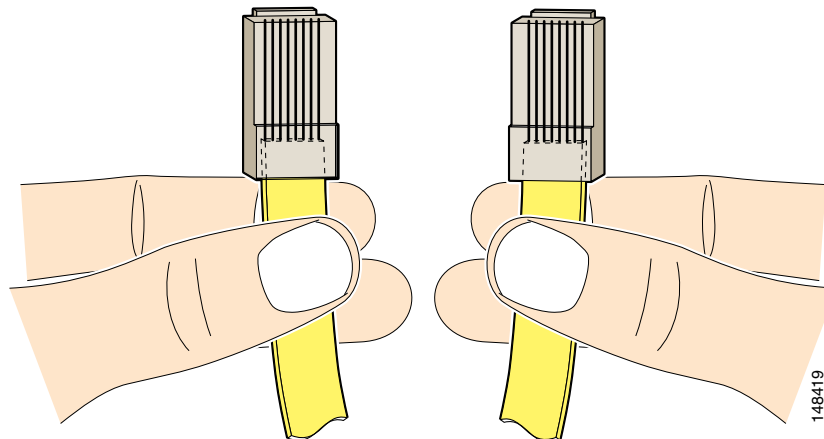
**Figure F-3** RJ-45 Cable



RJ-45 connector

To identify the RJ-45 cable type, hold the two ends of the cable next to each other so that you can see the colored wires inside the ends, as shown in Figure F-4.

**Figure F-4** RJ-45 Cable Identification



Examine the sequence of colored wires to determine the type of RJ-45 cable, as follows:

- Straight-through—The colored wires are in the same sequence at both ends of the cable.
- Cross-over—The first (far left) colored wire at one end of the cable is the third colored wire at the other end of the cable.
- Roll-over—The colored wires are in the opposite sequence at either end of the cable.

Table F-1 lists the roll-over (console) cable pinouts for RJ-45.

**Table F-1** *RJ-45 Roll-Over (Console) Cable Pinouts*

Pin	Pin
1	8
2	7
3	6
4	5
5	4
6	3
7	2
8	1

## RJ-45 to DB-9 or DB-25

Table F-2 lists the cable pinouts for RJ-45 to DB-9.

**Table F-2** *Cable Pinouts for RJ-45 to DB-9*

Signal	Console Port	RJ-45 Pin	DB-9 Pin	Signal
RTS	1	8	7	CTS
DTR	2	7	4	DSR
TxD	3	6	3	RxD
GND	4	5	5	GND
GND	5	4	5	GND
RxD	6	3	2	TxD
DSR	7	2	6	DTR
CTS	8	1	8	RTS

