

B Appendix

UTP Cable

Straight-through twisted-pair cable is typically used to connect a hub to a server or workstation. In a straight-through connection, Pin 1 at the server, P2 at the hub connects to Pin 2 at the server, and so on. Figure A-1 show the locations of pins on a standard RJ-45 plug on a twisted-pair cable.

Table a-1 show the wiring in a straight-through twisted-pair cable. (Pins 4, 5,7 and 8 are not used)

Twisted Pair Number	Pin Number	Signal Description	To	Pin Number	Signal Description
1	1	TD+		1	TD+
	2	TD-		2	TD-
2	3	RD+		3	RD+
	6	RD-		6	RD-

RJ-45 Connector Pin Assignments

Figure A-1 shows the RJ-45 connector pin assignments.

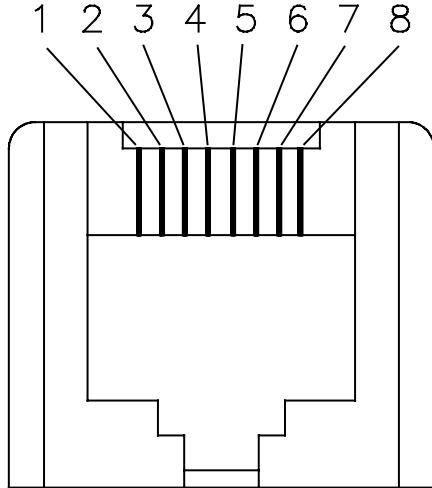


Figure A-1 Plug Pin Locations