



Cable Connector Pinouts

This appendix contains the following sections that list pinouts for the connectors used with the CSS 11501, CSS 11503, and CSS 11506:

- [RJ-45 Fast Ethernet Connector Pinouts](#)
- [RJ-45 RS-232 Console Port Pinouts](#)
- [RJ-45 Management Connector Pinouts](#)

RJ-45 Fast Ethernet Connector Pinouts

[Table B-1](#) lists the pinouts for the RJ-45 Fast Ethernet connectors on the CSS 11501 front panel and the 8- and 16-port Fast Ethernet Modules in the CSS 11503 or CSS 11506 chassis. The 10/100 Mb ports support autocrossover, allowing a connection to be made to any device using an Ethernet-type cable.

Table B-1 *RJ-45 Fast Ethernet Connector Pinouts*

Signal Name	RJ-45 Fast Ethernet Pin Numbers
RX +	1
RX -	2
TX +	3
Unconnected	4
Unconnected	5
TX -	6
Unconnected	7
Unconnected	8

RJ-45 RS-232 Console Port Pinouts

[Table B-2](#) lists the RJ-45 RS-232 Serial connector pinouts for the Console port on the CSS 11501 front panel and the CSS 11503 or CSS 11506 Switch Control Module (SCM).

Table B-2 *RJ-45 RS-232 Serial Connector Pinouts for the Console Port*

Signal Name	Pin Number
RTS	1
DTR	2
TXD	3
GND	4
GND	5
RXD	6
DSR	7
CTS	8

The following sections provide the pinouts for:

- [Connecting the Console Port to a PC](#)
- [Connecting the Console Port to a Terminal](#)
- [Connecting the Console Port to a Modem](#)

Connecting the Console Port to a PC

To connect the console port to a PC running terminal emulation software, use an RJ-45 to RJ-45 rollover cable and an RJ-45 to DB-9 female DTE adapter labeled Terminal. The DTE adapter is part of the accessory kit.

[Table B-3](#) lists the signals of the console port and PC console device, and the pinouts of the rollover cable and the DTE adapter interfaces.

Table B-3 Console Port to PC Signals and Pinouts

Console Port Signal	Console Port to RJ-45 Rollover Cable Pinouts	RJ-45 Rollover Cable to RJ-45 DTE Adapter Pinouts	DB-9 DTE Adapter to PC Console Device Pinouts	PC Console Device Signal
RTS	1	8	8	CTS
DTR	2	7	6	DSR
TXD	3	6	2	RXD
GND	4	5	5	GND
GND	5	4	5	GND
RXD	6	3	3	TXD
DSR	7	3	4	DTR
CTS	8	1	7	RTS

Connecting the Console Port to a Terminal

To connect the console port to a terminal, use an RJ-45 to RJ-45 rollover cable and an RJ-45 to DB-25 female DTE adapter. The DTE adapter is part of the accessory kit.

[Table B-4](#) lists the signals of the console port and terminal device, and the pinouts of the rollover cable and the DTE adapter interfaces.

Table B-4 Console Port to Terminal Signals and Pinouts

Console Port Signal	Console Port to RJ-45 Rollover Cable Pinouts	RJ-45 Rollover Cable to RJ-45 DTE Adapter Pinouts	DB-25 DTE Adapter to Terminal Pinouts	Terminal Device Signal
RTS	1	8	5	CTS
DTR	2	7	6	DSR
TXD	3	6	3	RXD
GND	4	5	7	GND
GND	5	4	7	GND
RXD	6	3	2	TXD
DSR	7	3	20	DTR
CTS	8	1	4	RTS

Connecting the Console Port to a Modem

To connect the console port to a terminal, use an RJ-45 to RJ-45 rollover cable and an RJ-45 to DB-25 male DCE adapter.

[Table B-5](#) lists the signals of the console port and modem device, and the pinouts of the rollover cable and the DCE adapter interfaces.

Table B-5 Console Port to Modem Signals and Pinouts

Console Port Signal	Console Port to RJ-45 Rollover Cable Pinouts	RJ-45 Rollover Cable to RJ-45 DCE Adapter Pinouts	DB-25 DCE Adapter to Modem Pinouts	Modem Device Signal
RTS	1	8	4	RTS
DTR	2	7	20	DTR
TXD	3	6	3	TXD
GND	4	5	7	GND
GND	5	4	7	GND
RXD	6	3	2	RXD
DSR	7	3	8	DCD
CTS	8	1	5	CTS

RJ-45 Management Connector Pinouts

Table B-6 lists the RJ-45 10 Mb Ethernet Management connector pinouts on the CSS 11501 front panel and the CSS 11503 or CSS 11506 SCM.

Table B-6 *RJ-45 Management Connector Pinouts*

Signal Name	Pin Number
TX +	1
TX -	2
RX +	3
Unconnected	4
Unconnected	5
RX -	6
Unconnected	7
Unconnected	8

RJ-45 Management Connector Pinouts