

Appendix A

Appendix A-E contains additional technical data, ordering information, and lists of reference materials. Appendix A illustrates miscellaneous pin-pair diagrams.

Appendix A. Octopus Cables and Connecting Hardware Pinout Tables

Table A-1: H3117-M/MA, H3107-M, and BN26R Octopus Cable 8-Pin MJ/MP to 50-Pin Patch Panel Pinout

8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number		8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number
1	1	27		2	1	30
	2	2			2	5
	3	26			3	29
	4	NC			4	NC
	5	NC			5	NC
	6	1			6	4
	7	28			7	31
	8	3			8	6

8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number		8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number
3	1	33		4	1	36
	2	8			2	11
	3	32			3	35
	4	NC			4	NC
	5	NC			5	NC
	6	7			6	10
	7	34			7	37
	8	9			8	12

Note: NC = No connection.

Table A-1: H3117-M/MA, H3107-M, and BN26R Octopus Cable 8-Pin MJ/MP to 50-Pin Patch Panel Pinout (Cont.)

8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number		8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number	
5	1	39		6	1	42	
	2	14				2	17
	3	38				3	41
	4	NC				4	NC
	5	NC				5	NC
	6	13				6	16
	7	40				7	43
	8	15				8	18

8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number		8-Pin MJ/MP Number	8-Pin MJ/MP Pin Number	50-Pin Telco Pin Number	
7	1	45		8	1	48	
	2	20				2	23
	3	44				3	47
	4	NC				4	NC
	5	NC				5	NC
	6	19				6	22
	7	46				7	49
	8	21				8	24

Note: NC = No connection.

Appendix A. Octopus Cables and Connecting Hardware Pinout Tables

H3117-LA/LB/LE Connector Pinout EIA/TIA-568 (T568A)



Figure A-1. H3117-LA/LB/LE Connector Pinout EIA/TIA-568 (T568A) — Rear View

H3117-LC/LD/LF Connector Pinout EIA/TIA-568 (T568B)



Figure A-2. H3117-LC/LD/LF Connector Pinout EIA/TIA-568 (T568B) — Rear View

Appendix A. Octopus Cables and Connecting Hardware Pinout Tables

Table A-2: BN24K 50-Pin to 36-Pin Equipment Cable Pinout

50-Pin Connector P1	36-Pin Connector P2	Line Number	Signal Name	Insulation Color	Twisted-pair Number
P1-1	P2-1	0	Transmit+	Blu/Wht	1
P1-26	P2-19	0	Transmit-	Wht/Blu	1
P1-2	P2-2	0	Receive+	Org/Wht	2
P1-27	P2-20	0	Receive-	Wht/Org	2
P1-4	P2-3	1	Transmit+	Grn/Wht	3
P1-29	P2-21	1	Transmit-	Wht/Grn	3
P1-5	P2-4	1	Receive+	Brn/Wht	4
P1-30	P2-22	1	Receive-	Wht/Brn	4
P1-7	P2-5	2	Transmit+	SlT/Wht	5
P1-32	P2-23	2	Transmit-	Wht/SlT	5
P1-8	P2-6	2	Receive+	Blu/Red	6
P1-33	P2-24	2	Receive-	Red/Blu	6
P1-10	P2-7	3	Transmit+	Org/Red	7
P1-35	P2-25	3	Transmit-	Red/Org	7
P1-11	P2-8	3	Receive+	Grn/Red	8
P1-36	P2-26	3	Receive-	Red/Grn	8
P1-13	P2-9	4	Transmit+	Brn/Red	9
P1-38	P2-27	4	Transmit-	Red/Brn	9
P1-14	P2-10	4	Receive+	SlT/Red	10
P1-39	P2-28	4	Receive-	Red/SlT	10
P1-16	P2-11	5	Transmit+	Blu/Blk	11
P1-41	P2-29	5	Transmit-	Blk/Blu	11
P1-17	P2-12	5	Receive+	Org/Blk	12
P1-42	P2-30	5	Receive-	Blk/Org	12
P1-19	P2-13	6	Transmit+	Grn/Blk	13
P1-44	P2-31	6	Transmit-	Blk/Grn	13
P1-20	P2-14	6	Receive+	Brn/Blk	14
P1-45	P2-32	6	Receive-	Blk/Brn	14
P1-22	P2-15	7	Transmit+	SlT/Blk	15
P1-47	P2-33	7	Transmit-	Blk/SlT	15
P1-23	P2-16	7	Receive+	Blu/Yel	16
P1-48	P2-34	7	Receive-	Yel/Blu	16

Appendix A. Octopus Cables and Connecting Hardware Pinout Tables

Table A-3: BN24L 6-Pin MMP to 50-Pin Equipment Cable Pinout

6-Pin MMP Position Number	6-Pin MMP Pin Number	50-Pin Telco Pin Number		6-Pin MMP Position Number	6-Pin MMP Pin Number	50-Pin Telco Pin Number
#1	3	26		#5	3	38
	2	1			2	13
	4	27			4	39
	5	2			5	14
	1	28			1	40
	6	3			6	15
#2	3	29		#6	3	41
	2	4			2	16
	4	30			4	42
	5	5			5	17
	1	31			1	43
	6	6			6	18
#3	3	32		#7	3	44
	2	7			2	19
	4	33			4	45
	5	8			5	20
	1	34			1	46
	6	9			6	21
#4	3	35		#8	3	47
	2	10			2	22
	4	36			4	48
	5	11			5	23
	1	37			1	49
	6	12			6	24

Appendix A. Octopus Cables and Connecting Hardware Pinout Tables

Table A-4: BN24N 8-Pin MP to 36-Pin Equipment Cable Pinout

8-Pin MP Position Number	8-Pin MP Pin Number	36-Pin Telco Pin Number	18-Pair Color Code		8-Pin MP Position Number	8-Pin MP Pin Number	36-Pin Telco Pin Number	18-Pair Color Code
#1	3	19	Wht/Org		#5	3	27	Wht/Org
	6	1	Org/Wht			6	9	Org/Wht
	1	20	Wht/Grn			1	28	Wht/Grn
	2	2	Grn/Wht			2	10	Grn/Wht
#2	3	21	Wht/Org		#6	3	29	Wht/Org
	6	3	Org/Wht			6	11	Org/Wht
	1	22	Wht/Grn			1	30	Wht/Grn
	2	4	Grn/Wht			2	12	Grn/Wht
#3	3	23	Wht/Org		#7	3	31	Wht/Org
	6	5	Org/Wht			6	13	Org/Wht
	1	24	Wht/Grn			1	32	Wht/Grn
	2	6	Grn/Wht			2	14	Grn/Wht
#4	3	25	Wht/Org		#8	3	33	Wht/Org
	6	7	Org/Wht			6	15	Org/Wht
	1	26	Wht/Grn			1	34	Wht/Grn
	2	8	Grn/Wht			2	16	Grn/Wht

Table A-5: H3106-A 36-Pin to 50-Pin Adapter Pinout

36-Pin D-Connector	50-Pin D-Connector		36-Pin D-Connector	50-Pin D-Connector
1	2		19	27
2	3		20	28
3	5		21	30
4	6		22	31
5	8		23	33
6	9		24	34
7	11		25	36
8	12		26	37
9	14		27	39
10	15		28	40
11	17		29	42
12	18		30	43
13	20		31	45
14	21		32	46
15	23		33	48
16	24		34	49

Appendix A. Octopus Cables and Connecting Hardware Pinout Tables

Table A-6: BC29P 9-Pin D-Sub to 25-Pin D-Sub (Modem) Out-of-Band Management Cable for DEChub 900 MultiSwitch

Signal Name	DB9 (Female)	DB25 (Male)
Received line signal detect	1	8
Received data	2	3
Transmitted data	3	2
DTE ready	4	20
Signal common	5	7
DCE ready	6	6
Request to send/Ready for receiving	7	4
Clear to send	8	5
Ring indicator	9	22
Shield*		1

*The cable shield must be tied to the metal connector housing at the DB9 on both ends. The shield must not be connected to any other signal in the cable.

Table A-7: BC29Q 9-Pin D-Sub to 9-Pin D-Sub (PC) Out-of-Band Management Cable for DEChub 900 MultiSwitch

Signal Name	DB9 (Female)	DB9 (Female)
Received line signal detect	1	4
Received data	2	3
Transmitted data	3	2
DTE ready	4	1
Signal common	5	5
DCE ready	6	4
Request to send/Ready for receiving	7	8
Clear to send	8	7
Ring indicator	9	NC
Shield*		

*The cable shield must be tied to the metal connector housing at the DB9 on both ends. The shield must not be connected to any other signal in the cable.

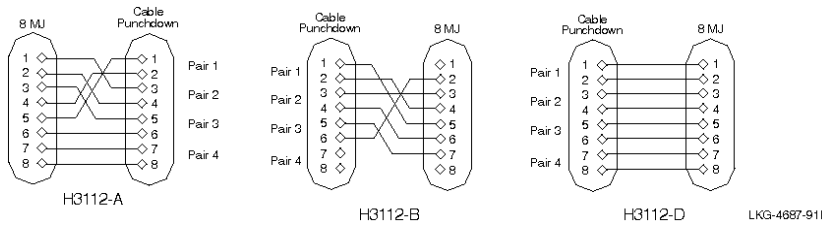


Figure A-3. H3112-A/B/D

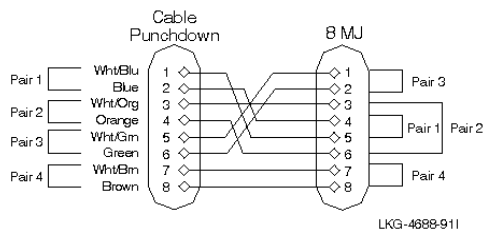


Figure A-4. H3112-E/F

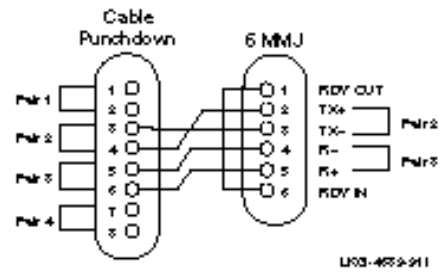


Figure A-7. H3112-A

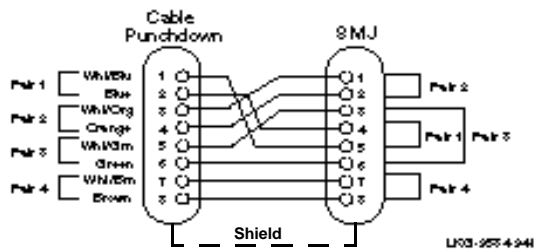


Figure A-5. H3112-IV/JV (T568B)

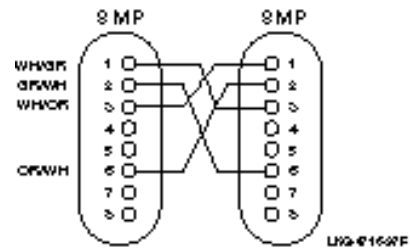


Figure A-8. 8-Pin MP to 8-Pin MP Office Cable (Crossover with Pin/Pair Diagram (BN24F))

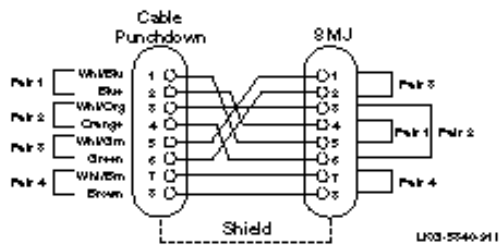


Figure A-6. H3112-GV/HV (T568A)

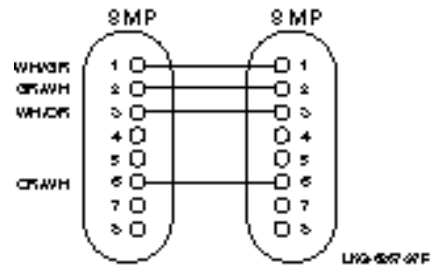


Figure A-9. 8-Pin MP to 8-Pin MP Office Cable (Noncrossover with Pin/Pair Diagram (BN26K))

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

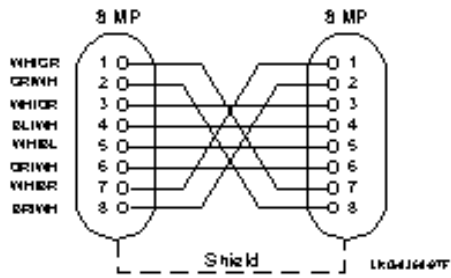


Figure A-10. BN26S Office Cable

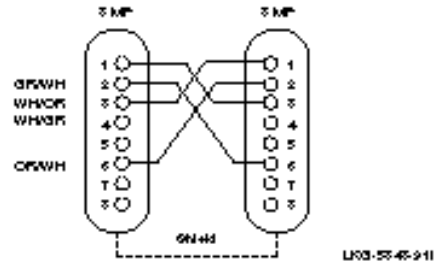


Figure A-14. Shielded 8-Pin MP to 8-Pin MP Office Cable with Crossover (BN26N)

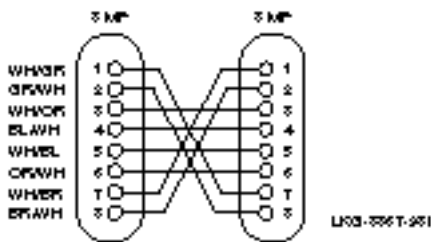


Figure A-11. BN25H Office Cable

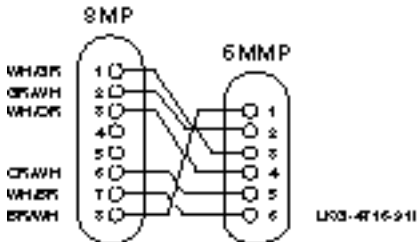


Figure A-15. 6-Pin MMP to 8-Pin MP Office Cable (Crossover) with Pin/Pair Diagram (BN24H)

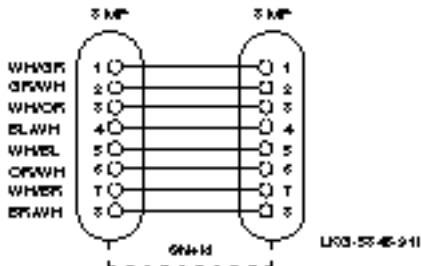


Figure A-12. 8-Pin MP to 8-Pin MP Shielded Equipment/Office Cable (BN26M)

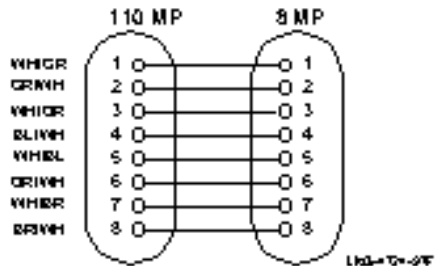


Figure A-16. 110 Punchdown to 8-Pin MP (BN25U)

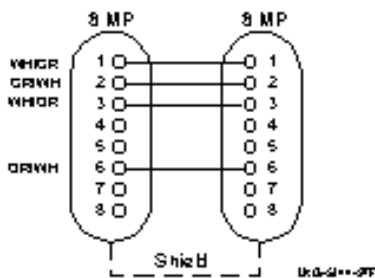


Figure A-13. Shielded 8-Pin MP to 8-Pin MP Office Cable Without Crossover (BN26L)

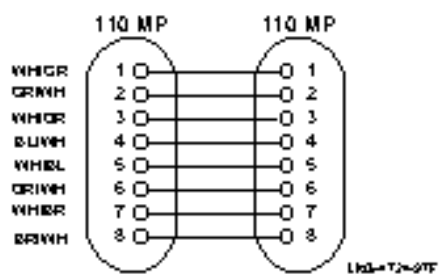


Figure A-17. 110 Punchdown to 110 Punchdown (BN25V)

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

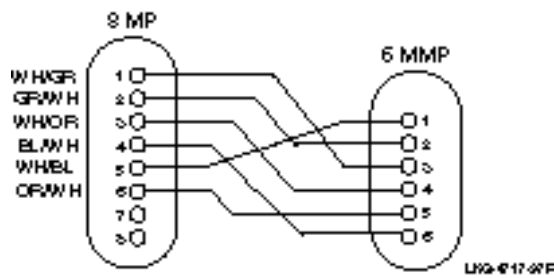


Figure A-18. 6-Pin MMP to 8-Pin MP Cable Assembly with Pin/Pair Diagram (BC16U)

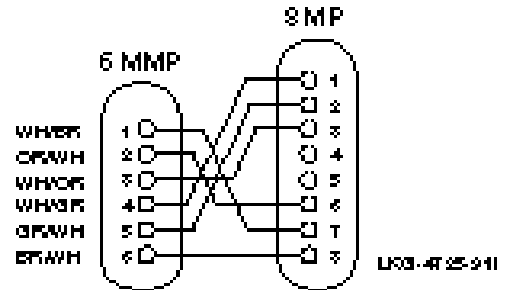


Figure A-21. 6-Pin MMP to 8-Pin MP Equipment Cable with Pin/Pair Diagram (BN24J)

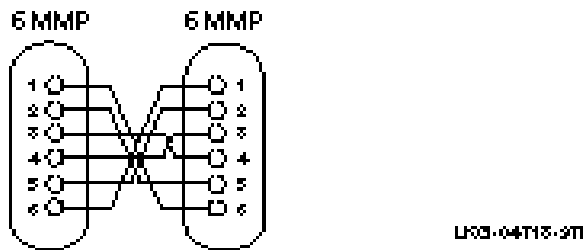


Figure A-19. 6-Pin MMP to 6-Pin MMP Terminal Interconnection Cable with Pin/Pair Diagram (BC16E)

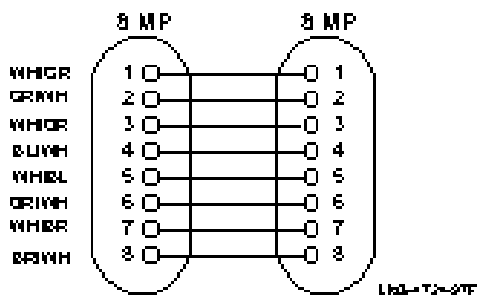


Figure A-20. 8-Pin MP to 8-Pin MP EIA/TIA 100BaseTX, Category 5 Data Grade Equipment Cable with Pin/Pair Diagram (BN25G)

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

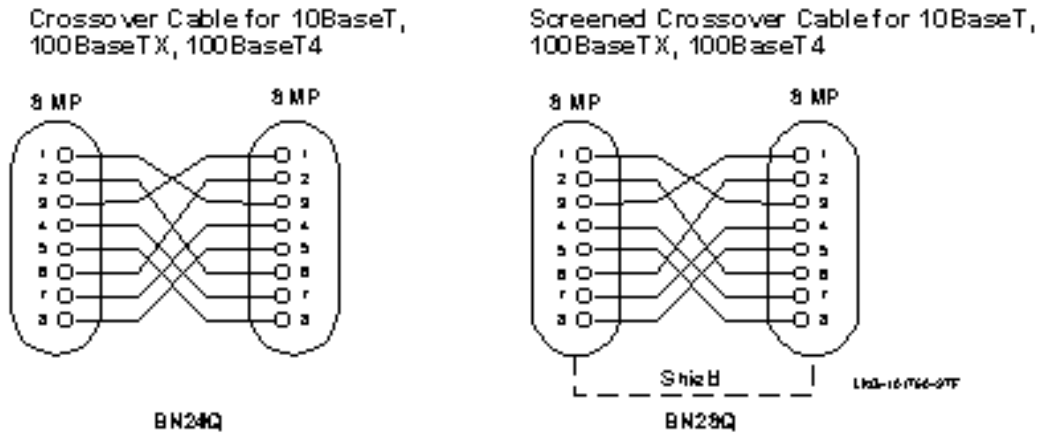
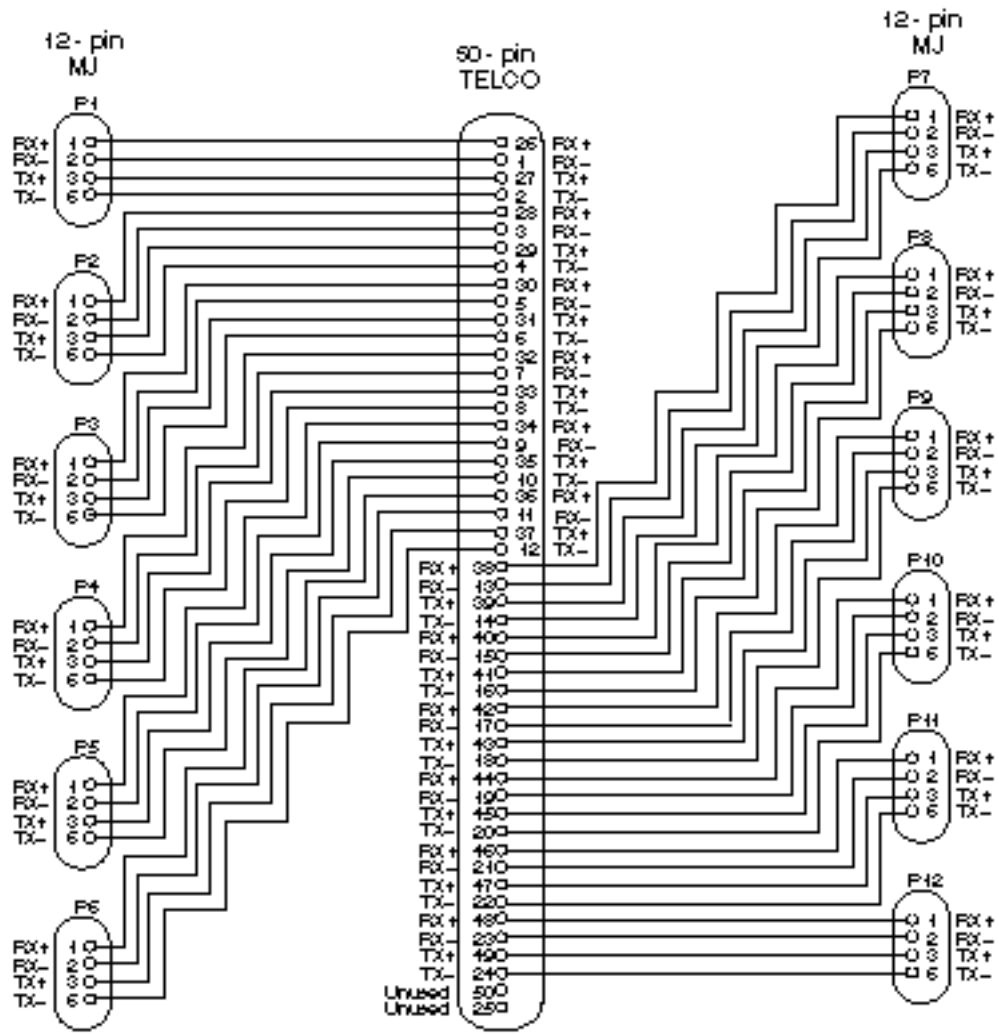


Figure A-22. UTP and screened (DTE to DTE) crossover cables for 10BaseT, 100BaseTX, and 100BaseT4

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables



LK3-2627-24

Figure A-23. Pinout for BN26U Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

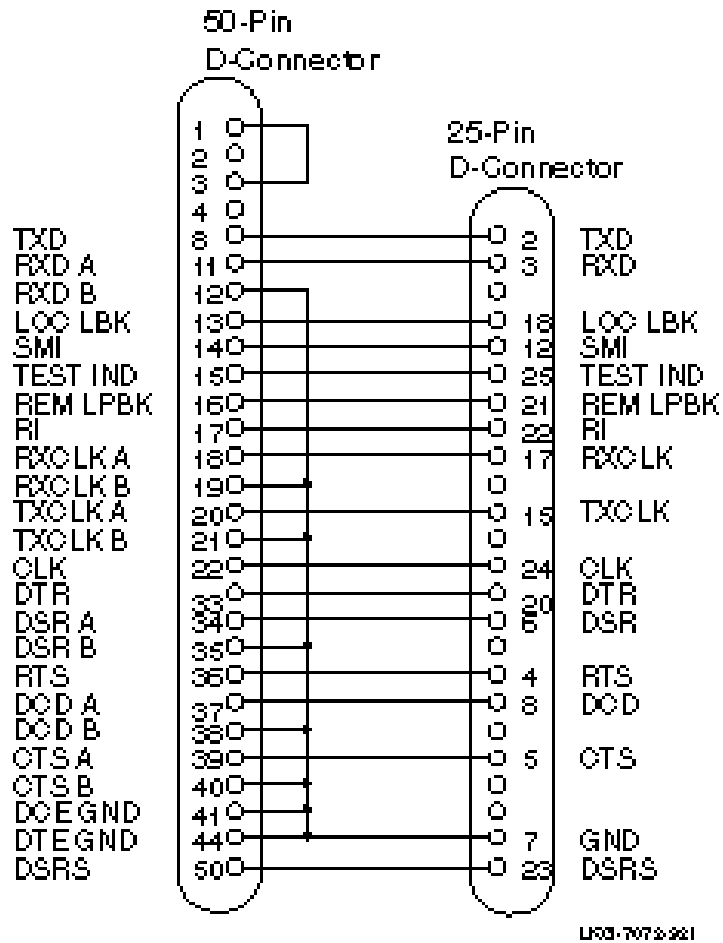


Figure A-24. Wiring Diagram for BC23V-02, BC19V-02 Cables

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

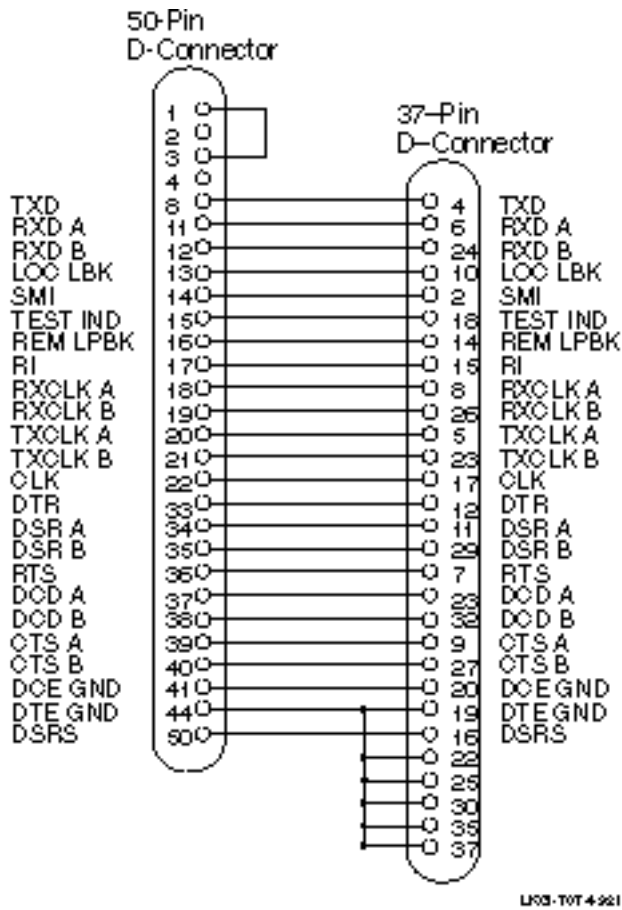


Figure A-25. Wiring Diagram for BC19E-02 Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

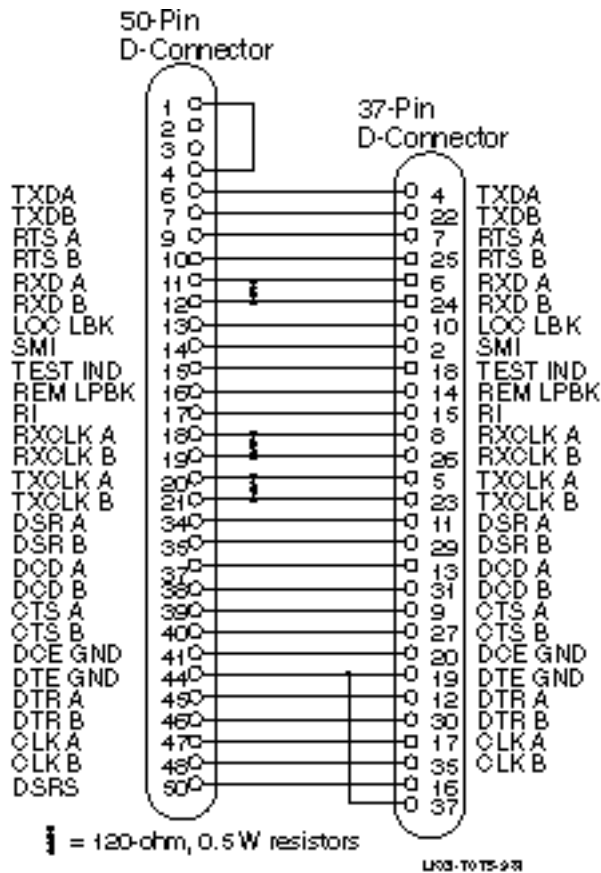


Figure A-26. Wiring Diagram for BC19B-02 Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

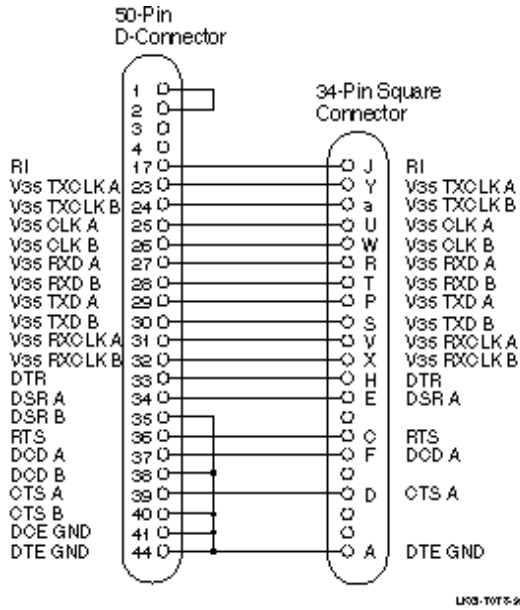


Figure A-27. Wiring Diagram for BC19A-02 Cable

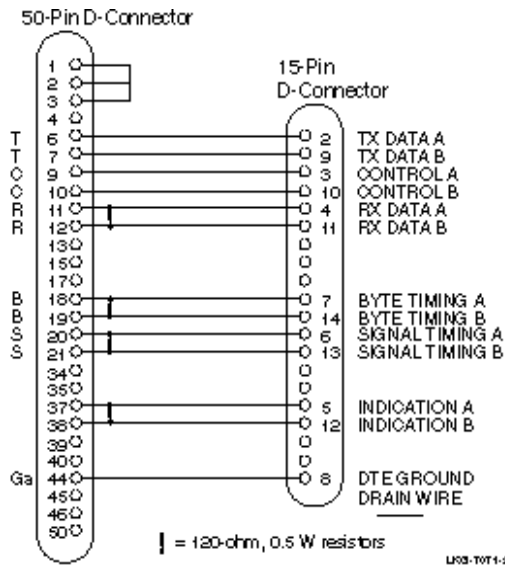


Figure A-28. Wiring Diagram for BC19C-02 Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

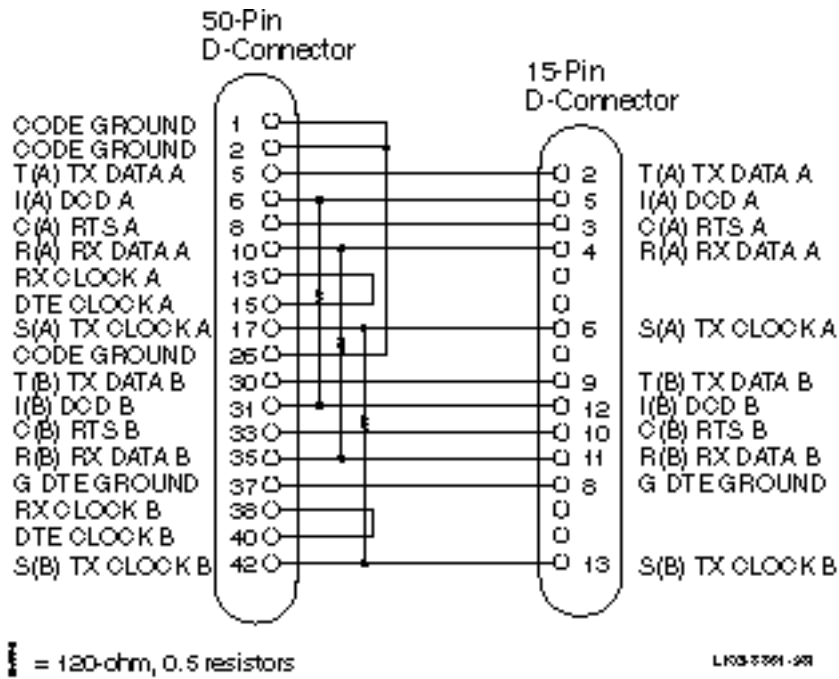
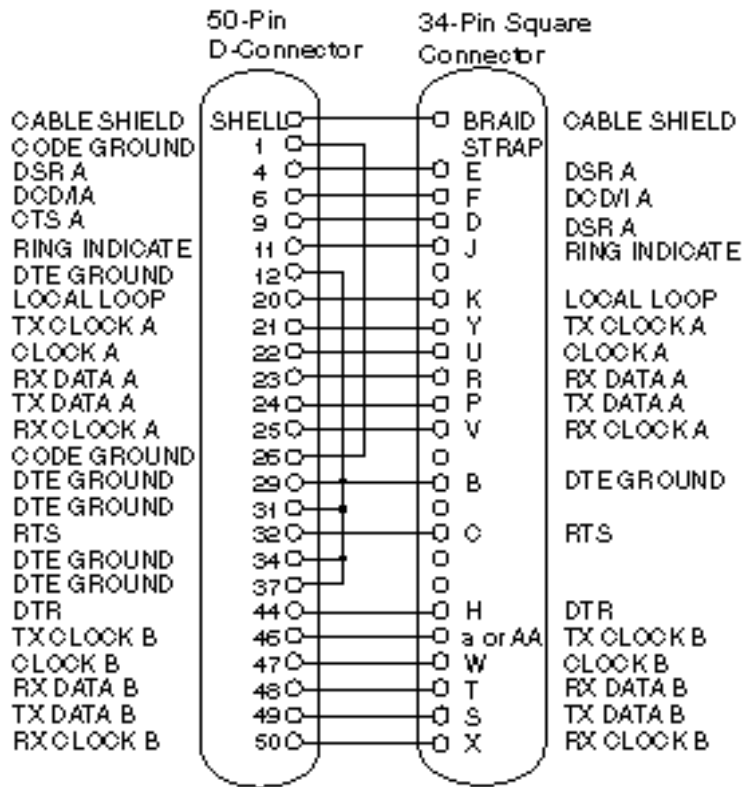


Figure A-29. 50-Pin to 15-Pin D-Sub (BC12F) Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables



US03-2262-901

Figure A-30. 50-Pin to 34-Pin D-Sub (BC12G) Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

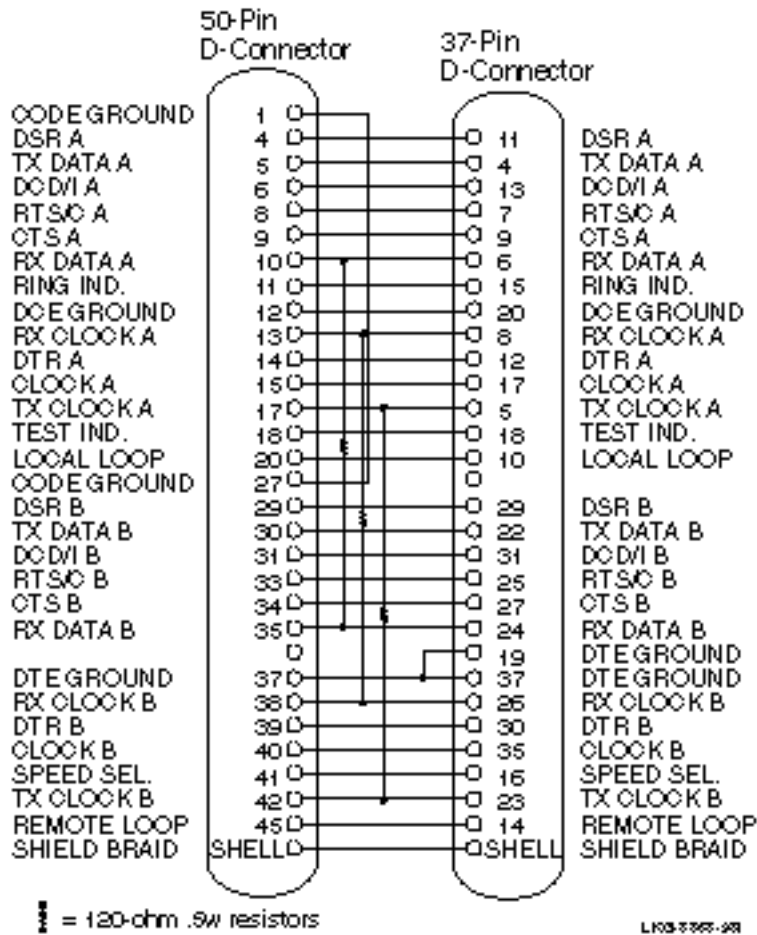


Figure A-31. 50-Pin to 37-Pin D-Sub (BC12H) Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

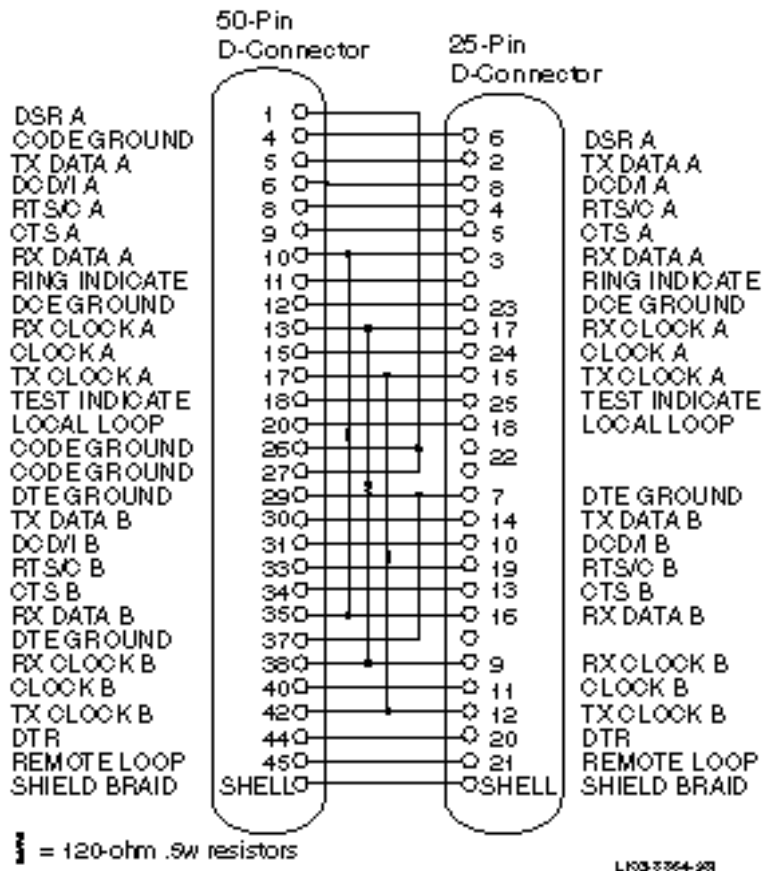


Figure A-32. 50-Pin to 25-Pin D-Sub (BC12J) Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

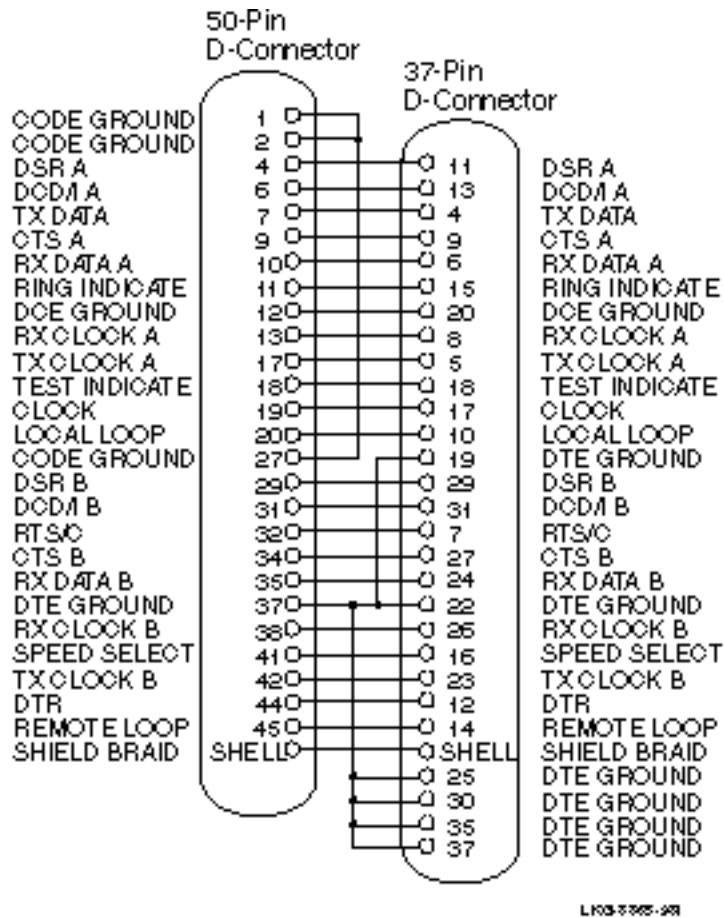


Figure A-33. 50-Pin to 37-Pin D-Sub (BC12K) Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

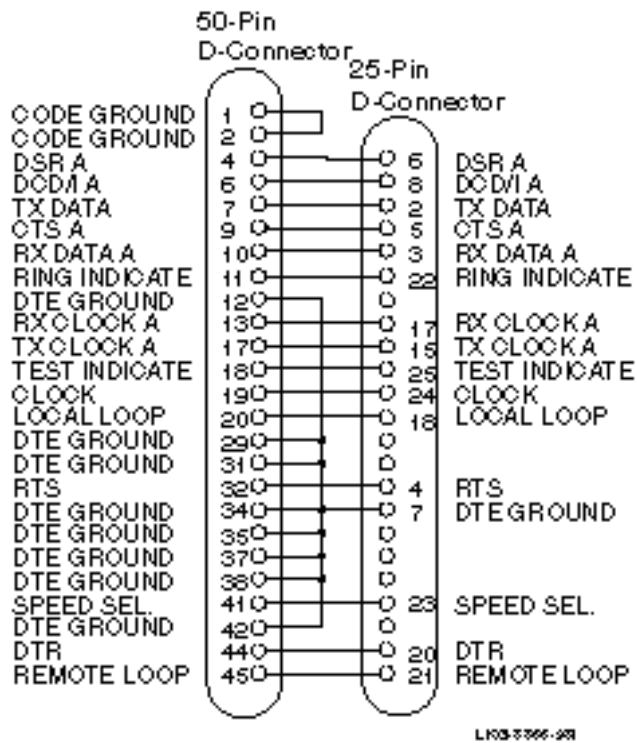
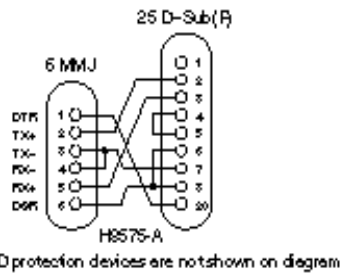
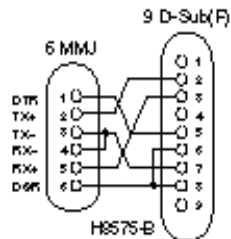


Figure A-34. 50-Pin to 25-Pin D-Sub (BC12L) Cable

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables



Note: EOS/ESD protection devices are not shown on diagram



Note: EOS/ESD protection devices are not shown on diagram

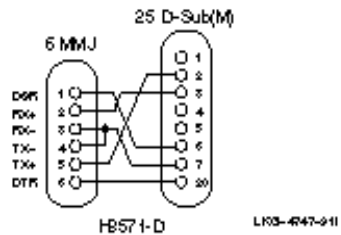
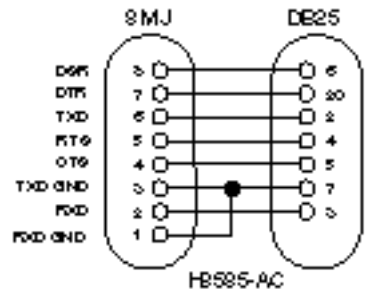


Figure A-35. EIA-423-A to EIA-232-D Adapters (H8575-A/B, H8571-D)



Note: Not for connection to public networks in Sweden, Germany, or Japan.
L103-6976-97F

Figure A-37. 8-Pin MP to 6-Pin MMJ Adapter (H8584-AC)

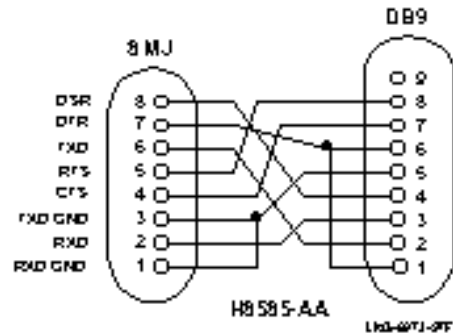
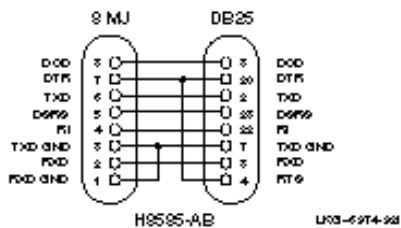
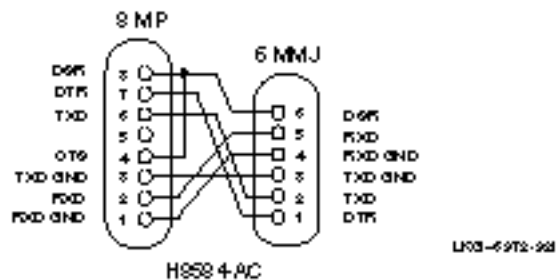


Figure A-38. Male to Female 25-pin D-Sub with EOS/ESD Protection (H8853-AA)



Note: Not for connection to public networks in Sweden, Germany, or Japan.
L103-6974-92F

Figure A-36. 8-Pin MJ to DB25 Modem Adapter (H8585-AC)



L103-6972-92F

Figure A-39. 9-Pin Female D-Sub to 6-Pin MMJ (for PC Serial Printer Port (H8571-J))

Miscellaneous Pin-Pair Diagrams for Connectors and Equipment Cables

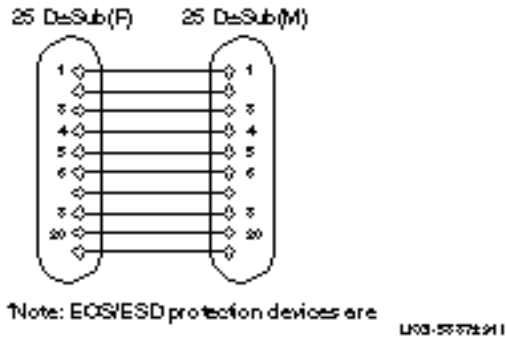


Figure A-40. Male to Female 25-Pin D-Sub with EOS/ESD Protection (H8853-AA)

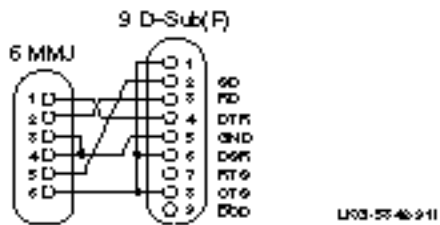


Figure A-41. 9-Pin Female D-Sub to 6-Pin MMJ (for PC Serial Printer Port (H8571-J))

