

Configuration A - Internal SCSI Devices Only

If SCSI devices are to be attached *internal* to your system, proceed as follows. See [Table 2-12](#).

1. The MVMExxxx is at one end of the cable, so terminators must be installed on the P2 adapter module.
2. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
3. Connect a user-supplied 50-conductor cable with compatible pinouts from connector J3 on the P2 adapter to the internal SCSI devices.
4. Terminators must be installed on the last SCSI device in the system.
5. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
6. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
7. Make sure that cables will not be pinched by the cover and install the cover that you previously removed.
8. Connect the power cable to the AC power source and turn the unit on.
9. The LED (DS1, toward the serial ports) on the MVME712M should be lit (the LED can be seen through the opening in the front panel). If not lit, then either a cabling problem exists, a fuse is blown, or both.

If it is a cabling problem, then fix it. If not, check the fuse on the MVMExxxx module, and replace if necessary. The fuse on the MVMExxxx is for Ethernet transceiver power. The resistance of this fuse should be less than 1 ohm.

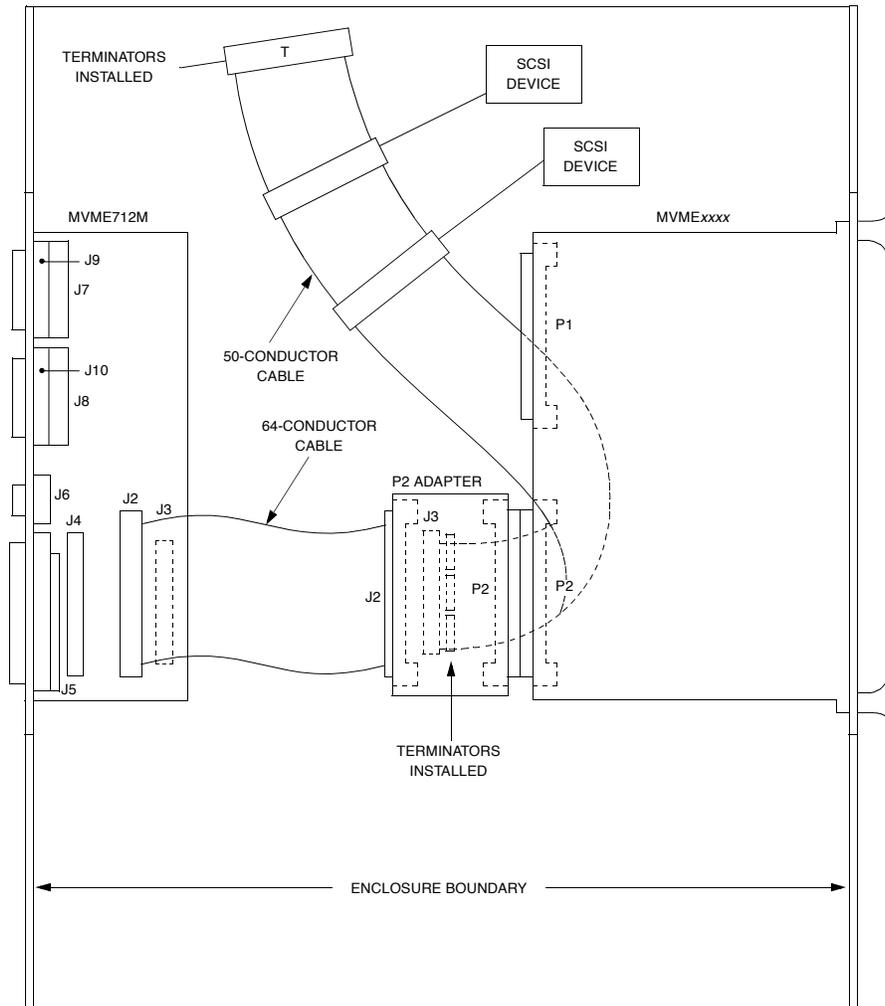


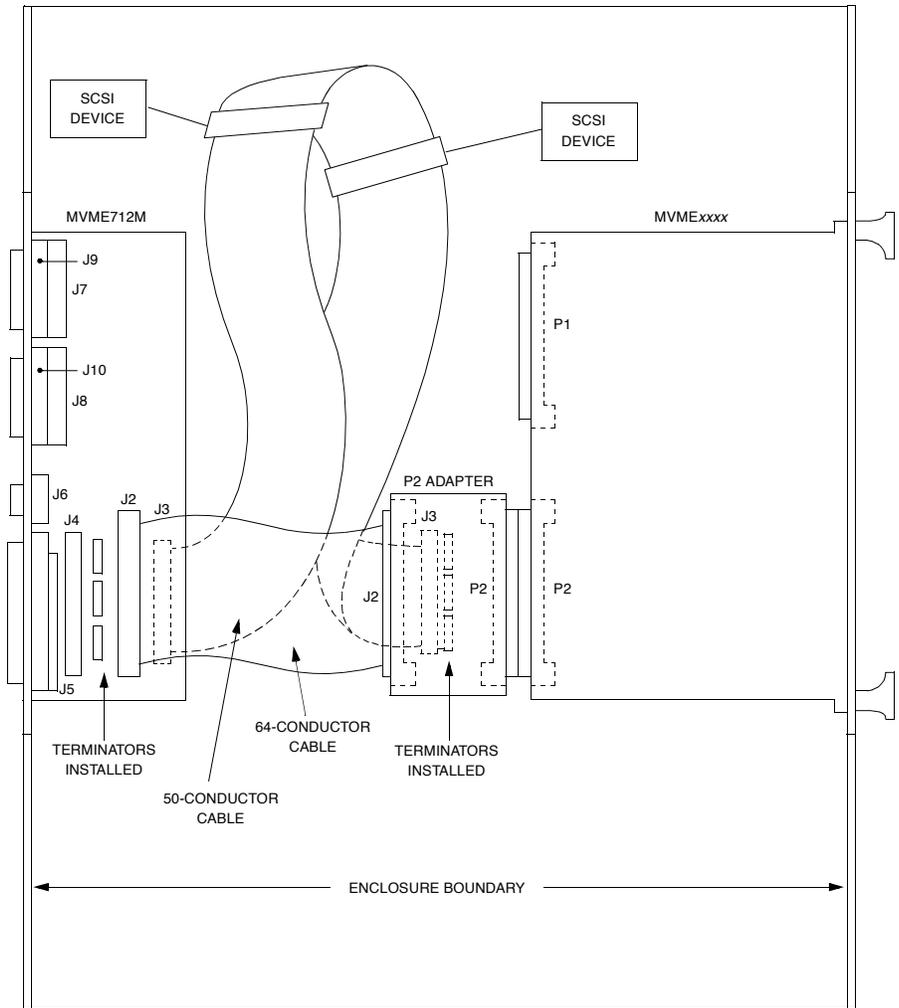
Figure 2-12. Configuration A -- internal-only SCSI connections

Configuration B - Internal SCSI Devices Only

If SCSI devices are to be attached *internal* to your system, and cabled for easy change to configuration C, proceed as follows. See [Figure 2-13](#).

1. The MVMExxxx is at one end of the cable, so terminators must be installed on the P2 adapter module.
2. The MVME712M is at one end of the cable, so terminators must be installed on the MVME712M.
3. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
4. Connect a user-supplied 50-conductor cable with compatible pinouts from connector J3 on the P2 adapter to the internal SCSI devices and on to connector J3 on the MVME712M. This cable must be a continuous cable.
5. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
6. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
7. Make sure that cables will not be pinched by the cover and install the cover that you previously removed.
8. Connect the power cable to the AC power source and turn the unit on.
9. Both LEDs (DS1 and DS2) on the MVME712M should be lit (the LEDs can be seen through the opening in the front panel). If not lit, then either a cabling problem exists, a fuse is blown, or both.

If it is a cabling problem, then fix it. If not, check the fuse on the P2 adapter module and on the MVMExxxx module, and replace if necessary. The fuse on the P2 adapter module is for SCSI terminator power. The fuse on the MVMExxxx is for Ethernet transceiver power. The resistance of each fuse should be less than 1 ohm.



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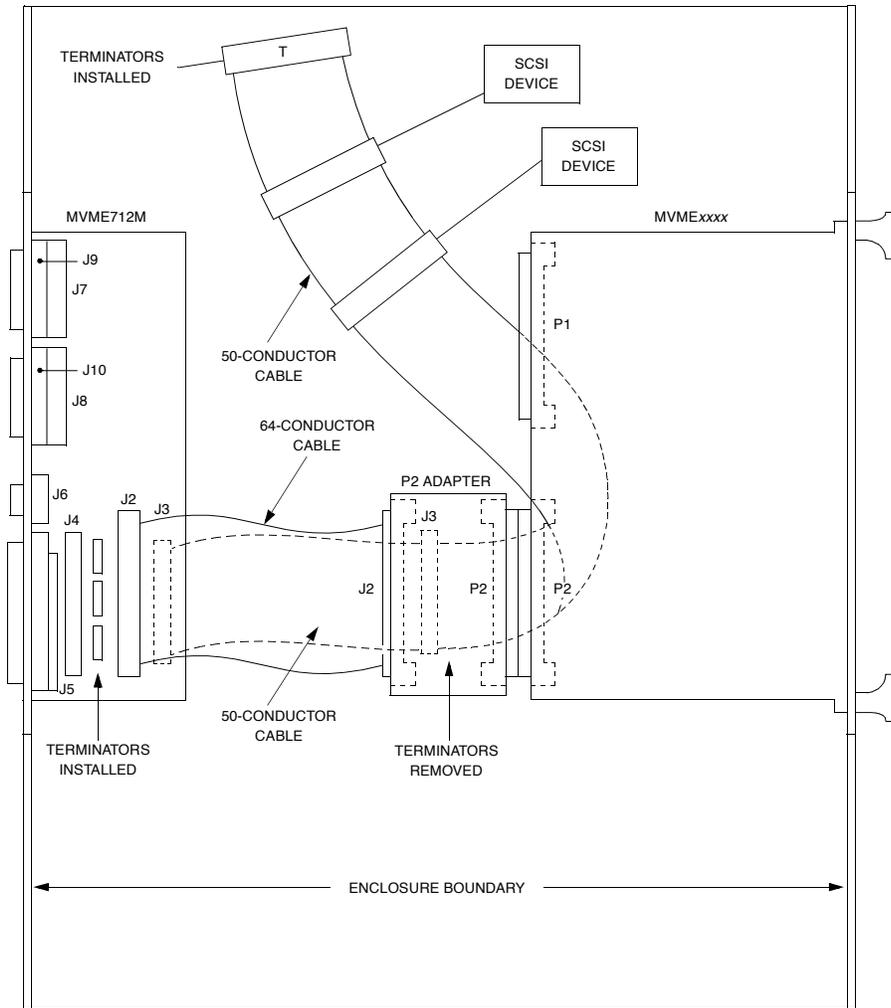
Figure 2-13. Configuration B -- internal-only SCSI connections

Configuration B1 - Internal SCSI Devices Only

If SCSI devices are to be attached *internal* to your system, and cabled for easy change to configuration C1, proceed as follows. See [Figure 2-14](#).

1. The MVMExxxx is not at one end of the cable, so terminators must be removed from the P2 adapter module.
2. The MVME712M is at one end of the cable, so terminators must be installed on the MVME712M.
3. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
4. Connect a user-supplied 50-conductor cable with compatible pinouts from connector J3 on the MVME712M to connector J3 on the P2 adapter and on to the internal SCSI devices. This cable must be a continuous cable.
5. Terminators must be installed on the last SCSI device on the cable.
6. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
7. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
8. Make sure that cables will not be pinched by the cover and install the cover that you previously removed.
9. Connect the power cable to the AC power source and turn the unit on.
10. Both LEDs (DS1 and DS2) on the MVME712M should be lit (the LEDs can be seen through the opening in the front panel). If not lit, then either a cabling problem exists, a fuse is blown, or both.

If it is a cabling problem, then fix it. If not, check the fuse on the P2 adapter module and on the MVMExxxx module, and replace if necessary. The fuse on the P2 adapter module is for SCSI terminator power. The fuse on the MVMExxxx is for Ethernet transceiver power. The resistance of each fuse should be less than 1 ohm.



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Figure 2-14. Configuration B1 -- internal-only SCSI connections

Configuration C - Internal and External SCSI Devices

If SCSI devices are to be attached *internal and external* to your system and the MVMExxxx is at one end of the cable, proceed as follows. See [Figure 2-15](#).

1. The MVMExxxx is at one end of the cable, so terminators must be installed on the P2 adapter module.
2. The MVME712M is not at one end of the cable, so terminators must be removed from the MVME712M.
3. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
4. Connect a user-supplied 50-conductor cable with compatible pinouts from connector J3 on the MVME712M to the internal SCSI devices and on to connector J3 on the P2 adapter. This cable must be a continuous cable.
5. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
6. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
7. Connect a user-supplied 50-conductor cable with compatible pinouts from the SCSI connector on the front panel of the MVME712M to the external SCSI devices.
8. Terminators must be installed on the last SCSI device on the cable.
9. Make sure that cables will not be pinched by the cover and install the cover that you previously removed.
10. Connect the power cable to the AC power source and turn the unit on.
11. Both LEDs (DS1 and DS2) on the MVME712M should be lit (the LEDs can be seen through the opening in the front panel). If not lit, then either a cabling problem exists, a fuse is blown, or both.

If it is a cabling problem, then fix it. If not, check the fuse on the P2 adapter module and on the MVMExxxx module, and replace if necessary. The fuse on the P2 adapter module is for SCSI terminator

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power. The fuse on the MVME_{xxxx} is for Ethernet transceiver power. The resistance of each fuse should be less than 1 ohm.

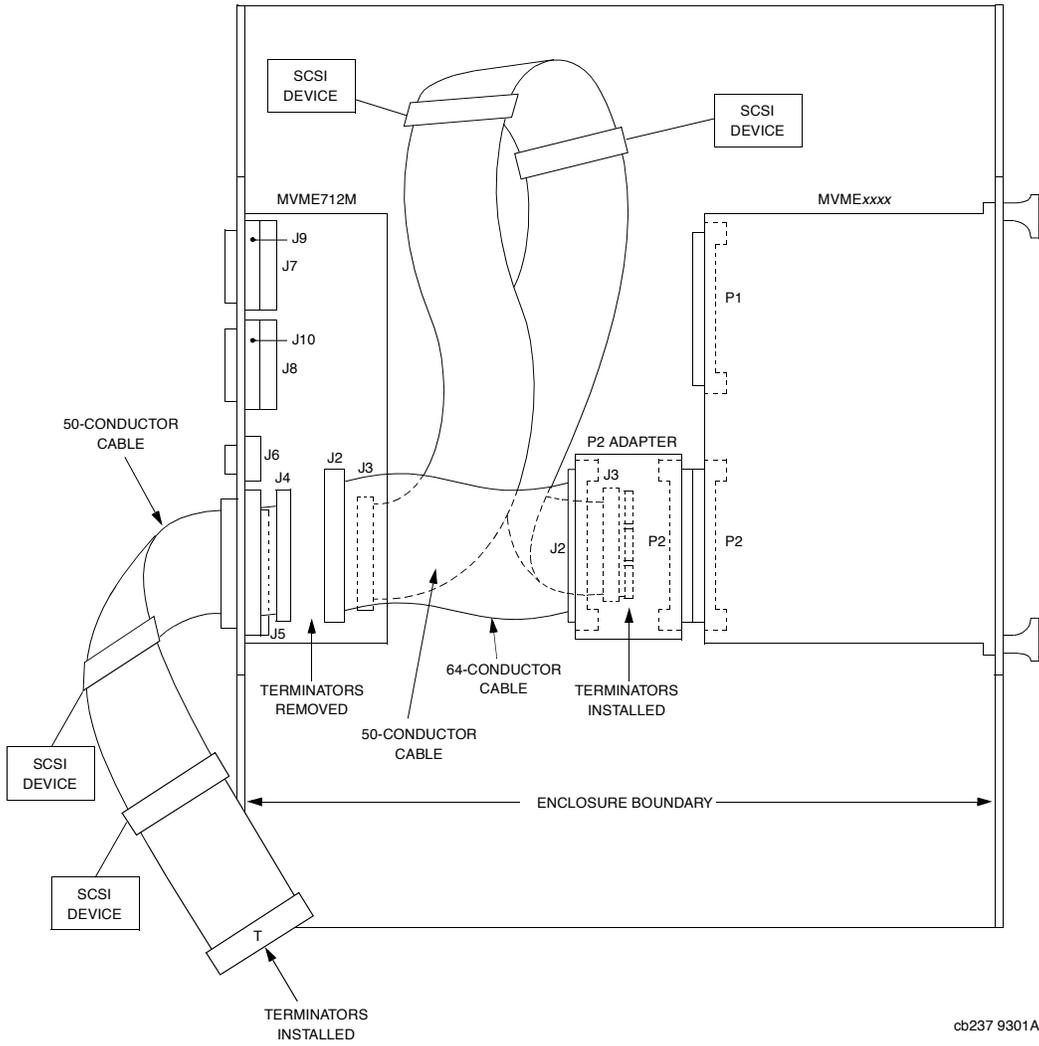


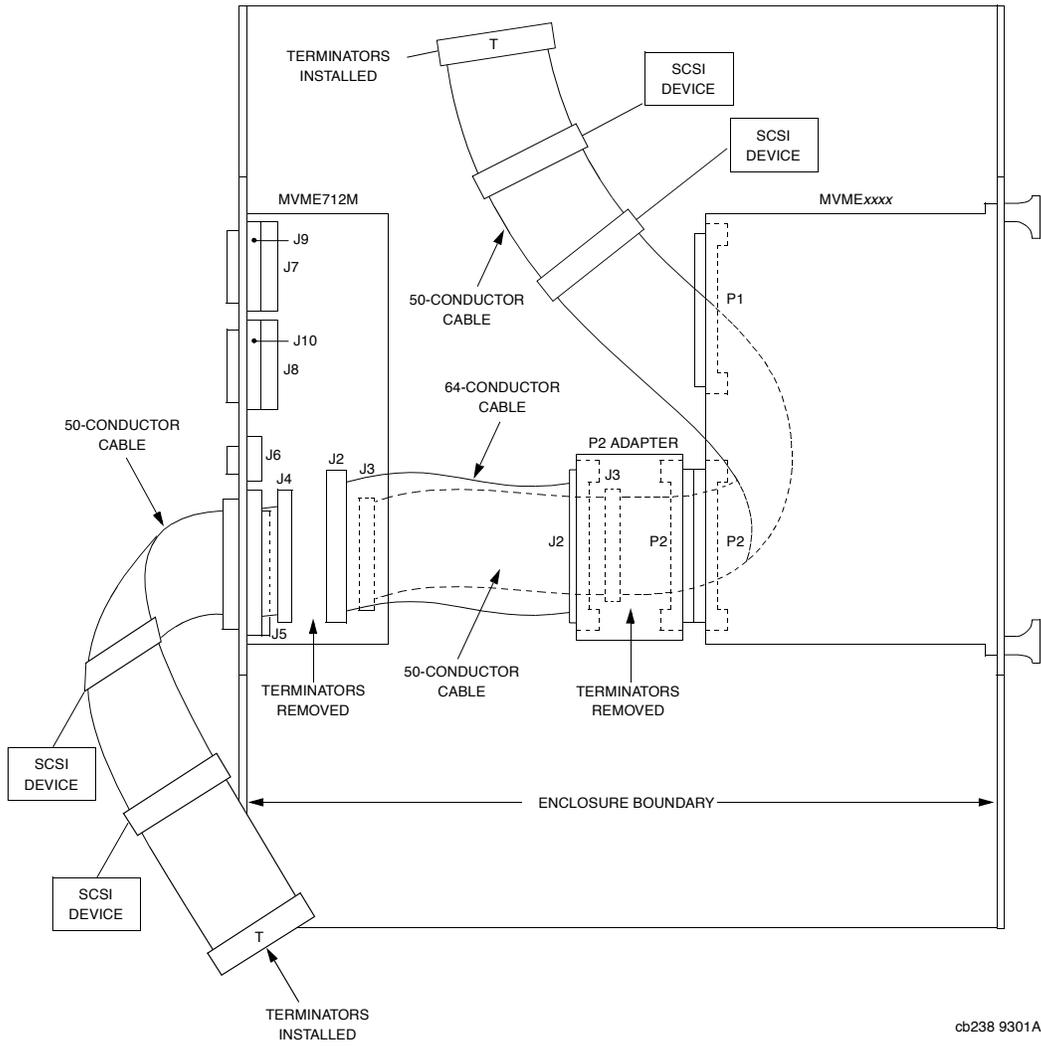
Figure 2-15. Configuration C -- internal and external SCSI connections

Configuration C1 - Internal and External SCSI Devices

If SCSI devices are to be attached *internal and external* to your system and the internal SCSI device is at one end of the cable, proceed as follows. See [Figure 2-16](#).

1. The MVMExxxx is not at one end of the cable, so terminators must be removed from the P2 adapter module.
2. The MVME712M is not at one end of the cable, so terminators must be removed from the MVME712M.
3. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
4. Connect a user-supplied 50-conductor cable with compatible pinouts from connector J3 on the MVME712M to connector J3 on the P2 adapter and on to the internal SCSI devices. This cable must be a continuous cable.
5. Terminators must be installed on the last SCSI device on the cable.
6. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
7. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
8. Connect a user-supplied 50-conductor cable with compatible pinouts from the SCSI connector on the front panel of the MVME712M to the external SCSI devices.
9. Terminators must be installed on the last SCSI device on the cable.
10. Make sure that cables will not be pinched by the cover and install the cover that you previously removed.
11. Connect the power cable to the AC power source and turn the unit on.
12. Both LEDs (DS1 and DS2) on the MVME712M should be lit (the LEDs can be seen through the opening in the front panel). If not lit, then either a cabling problem exists, a fuse is blown, or both.

If it is a cabling problem, then fix it. If not, check the fuse on the P2 adapter module and on the MVMExxxx module, and replace if necessary. The fuse on the P2 adapter module is for SCSI terminator power. The fuse on the MVMExxxx is for Ethernet transceiver power. The resistance of each fuse should be less than 1 ohm.



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Figure 2-16. Configuration C1 -- internal and external SCSI connections

Configuration D - Internal and External SCSI Devices

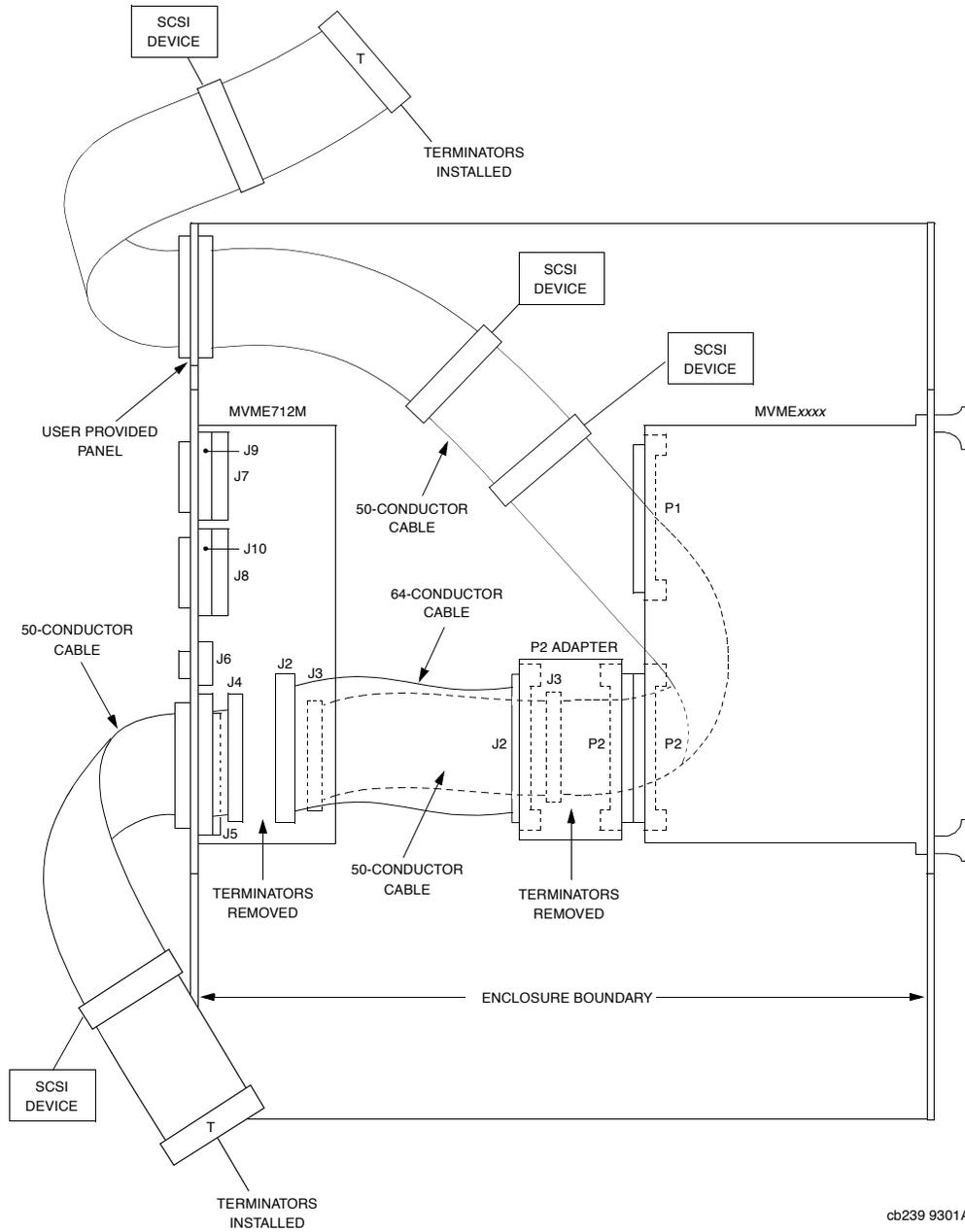
If SCSI devices are to be attached *internal and external* to your system and neither the internal SCSI device nor the MVMExxxx is at one end of the cable, proceed as follows. See [Figure 2-17](#).

1. The MVMExxxx is not at one end of the cable, so terminators must be removed from the P2 adapter module.
2. The MVME712M is not at one end of the cable, so terminators must be removed from the MVME712M.
3. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
4. Connect a user-supplied 50-conductor cable with compatible pinouts from connector J3 on the MVME712M to connector J3 on the P2 adapter and on to the internal SCSI devices and then to a user-supplied panel on the enclosure. This cable must be a continuous cable.
5. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
6. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
7. Connect a user-supplied 50-conductor cable with compatible pinouts from the SCSI connector on the front panel of the MVME712M to the external SCSI devices.
8. Terminators must be installed on the last SCSI device on the cable.
9. Connect a user-supplied 50-conductor cable with compatible pinouts from the connector on the user-supplied panel to the external SCSI devices.
10. Terminators must be installed on the last SCSI device on the cable.
11. Make sure that cables will not be pinched by the cover and replace the cover.
12. Connect the power cable to the AC power source and turn the unit on.
13. Both LEDs on the MVME712M should be lit. If not lit, then either a cabling problem exists, a fuse is blown, or both. If it is a cabling problem, then fix it. If not, check the fuse on the P2 adapter module and on the VMEmodule, and replace if necessary. The fuse on the

P2 adapter module is for SCSI terminator power. The fuse on the MVMExxx is for Ethernet transceiver power. The resistance of each fuse should be less than 1 ohm.

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Figure 2-17. Configuration D -- internal and external SCSI connections

Configuration E - External SCSI Devices Only

If SCSI devices are to be attached *external* to your system and the MVMExxxx is at one end of the cable, proceed as follows. See [Figure 2-18](#).

1. The MVMExxxx is at one end of the cable, so terminators must be installed on the P2 adapter module.
2. The MVME712M is not at one end of the cable, so terminators must be removed from the MVME712M.
3. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
4. Attach the furnished 50-conductor cable from connector J3 on the MVME712M to connector J3 on the P2 adapter.
5. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
6. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
7. Connect a user-supplied 50-conductor cable with compatible pinouts from the SCSI connector on the front panel of the MVME712M to the external SCSI devices.
8. Terminators must be installed on the last SCSI device on the cable.
9. Make sure that cables will not be pinched by the cover and install the cover that you previously removed.
10. Connect the power cable to the AC power source and turn the unit on.
11. Both LEDs on the MVME712M should be lit. If not lit, then either a cabling problem exists, a fuse is blown, or both.

If it is a cabling problem, then fix it. If not, check the fuse on the P2 adapter module and on the VME module, and replace if necessary. The fuse on the P2 adapter module is for SCSI terminator power. The fuse on the MVMExxxx is for Ethernet transceiver power. The resistance of each fuse should be less than 1 ohm.

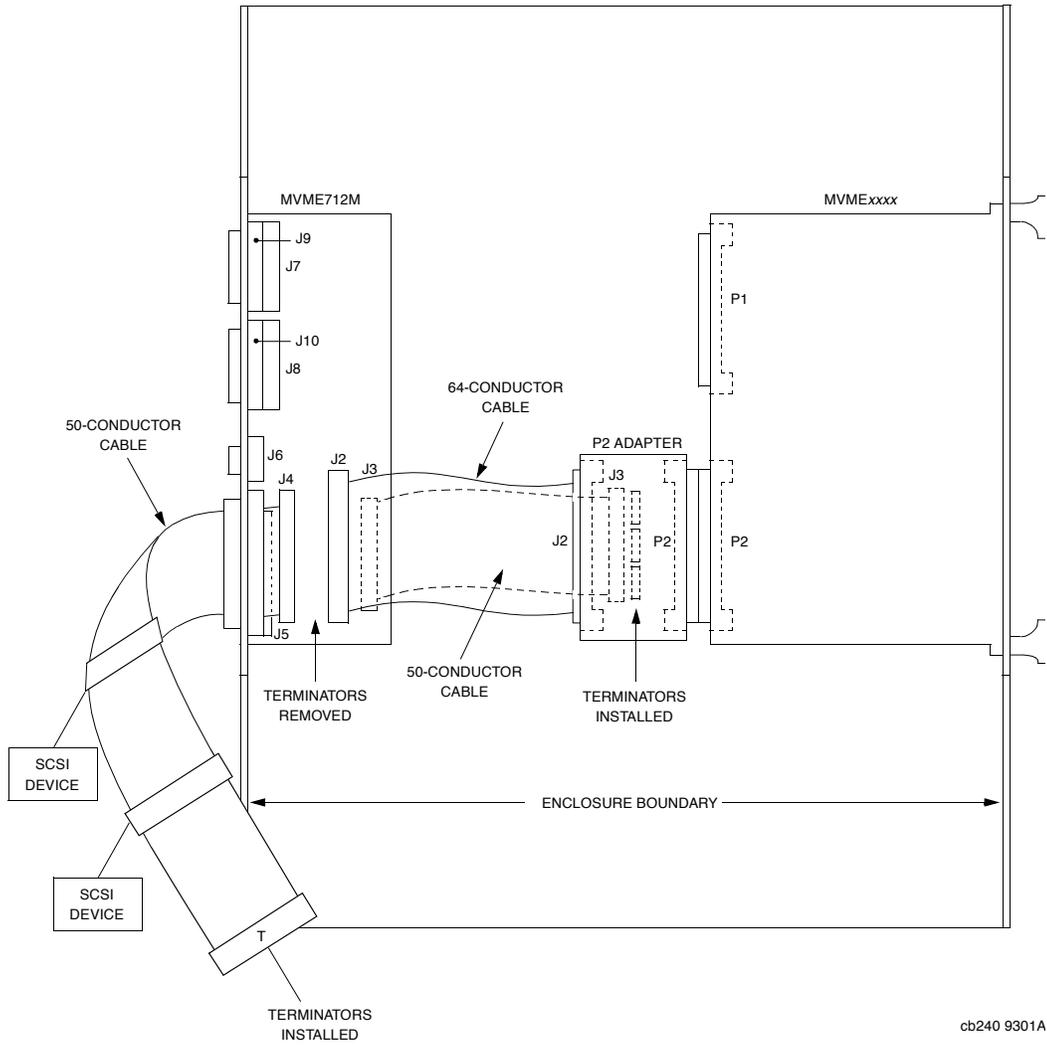


Figure 2-18. Configuration E -- external-only SCSI connections

Configuration F - External SCSI Devices Only

If SCSI devices are to be attached *external* to your system and the MVME-xxxx is not at one end of the cable, proceed as follows. See [Figure 2-19](#).

1. The MVMExxxx is not at one end of the cable, so terminators must be removed from the P2 adapter module.
2. The MVME712M is not at one end of the cable, so terminators must be removed from the MVME712M.
3. Install the P2 adapter module to the backplane directly in line with the P2 connector on the MVMExxxx. Be sure to orient pin 1 of the adapter with pin 1 of the backplane connector.
4. Connect a user-supplied 50-conductor cable with compatible pinouts from connector J3 on the MVME712M to connector J3 on the P2 adapter and on to a user-supplied panel on the enclosure. This cable must be a continuous cable.
5. Attach the furnished 64-conductor cable from connector J2 on the P2 adapter to connector J2 on the MVME712M. Be sure to orient cable pin 1 with connector pin 1.
6. Insert the MVME712M module into the selected slots and tighten the attaching screws, making good contact with the transverse mounting rails to minimize RF emissions.
7. Connect a user-supplied 50-conductor cable with compatible pinouts from the SCSI connector on the front panel of the MVME712M to the external SCSI devices.
8. Terminators must be installed on the last SCSI device on the cable.
9. Connect a user-supplied 50-conductor cable with compatible pinouts from the connector on the user-supplied panel to the external SCSI devices.
10. Terminators must be installed on the last SCSI device on the cable.
11. Make sure that cables will not be pinched by the cover and replace the cover.
12. Connect the power cable to the AC power source and turn the unit on.
13. Both LEDs on the MVME712M should be lit. If not lit, then either a cabling problem exists, a fuse is blown, or both.
If it is a cabling problem, then fix it. If not, check the fuse on the P2 adapter module and on the VME module, and replace if necessary. The fuse on the P2 adapter module is for SCSI terminator power.

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The fuse on the MVME_{xxxx} is for Ethernet transceiver power. The resistance of each fuse should be less than 1 ohm.