

Example of Noise Suppression in CD-ROM Drives **4**

Installing EMI filters on Interface Cable Ports

Minimizing the GND's noise level of PCB is important in the interface cable port. The PCB's GND and metal case are screwed together to form a low impedance connection at high frequency.

EMI filters are installed in the interface cable connection. Note that the CD-ROM drive may not operate on some computers if large capacitance or large inductance EMI filters are used.

