

## **2 WIRING AND CONNECTION INFORMATION**

Table 2-1 lists the pin number assignments of the mating connector for the KS2000B seismometer, as viewed from solder cup side of the mating connector specified in Section 1.6. Figure 2-1 shows a sample cable drawing from the KS2000B to the CI2000. The cable used should be a minimum of 15-pair. Power (and return ground) conductors can be doubled or tripled depending on the overall cable length from the KS2000B to its power connections.

**Table 2-1. Mating Connector Pin Assignments.**

<b>Pin No.</b>	<b>Function</b>
1	12COM
2	+12V (9~36V)
3	Serial_D-
4	Serial_D+
5	CENTER_ENABLE
6	VCALEN
7	V-
8	V+
9	VEM-
10	VEM+
11	VCAL-
12	VCAL+
13, 23, 33, 34	AGND (Shield)
14	NEM+
15	NEM-
16	N+
17	N-
18	NCALEN
19, 20, 21, 22, 24, 25, 37	--- not used ---
26	EEM+
27	EEM-
28	E+
29	E-
30	ECALEN
31	ECAL-
32	ECAL+
35	NCAL+
36	NCAL-