

Figure 5-8. Typical Network Configuration.

5.6.3 DC Power Connections.

The 46240 will also operate from either a -48 VDC (+/- 1 volt) or a -60 VDC (+/- 5 volts) source, fused or current limited for 1 Amp. Proctor recommends using a -60 VDC source to ensure all system specifications are maintained. To connect a DC power source to the 46240 unit, perform the following steps:

- (1) Ensure the 25-pair cable is disconnected from the connector block.

CAUTION

The DC power supply must be properly grounded to assure operator safety.

- (2) Attach DC power leads between the connector block and the power supply. Connect DC power to terminals on the connector block that coincide with the -60 Volt, -48 Volt, and Ground pins on the 46240 front panel connector. See Figure 5-9. A label on the 46240 unit shows the connector pin-out. Refer to Table 5-3 for the leads and the corresponding pin numbers.

Table 5-3. DC Power Supply Pinout.

LEAD	PIN NUMBERS
GND	10, 11, 35, and 36
-60 VDC	13, 14, 38, and 39
-48 VDC	16, 17, 41, and 42

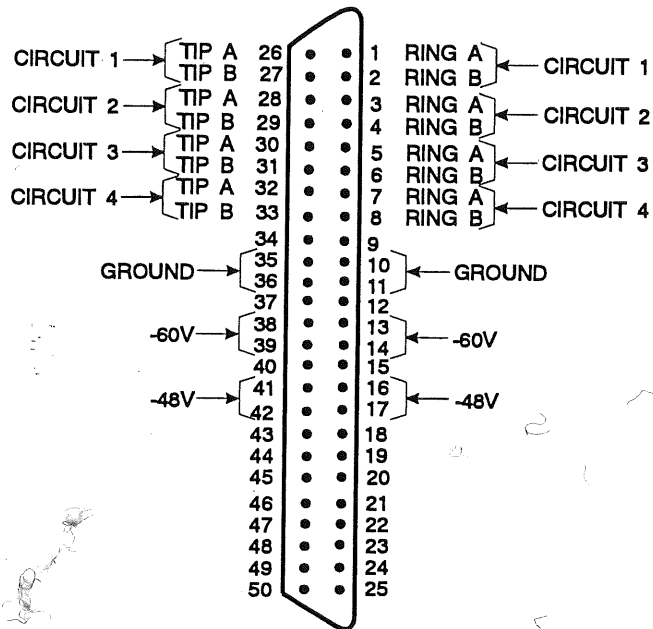


Figure 5-9. Front Panel Connector Pin-Out.

- (3) Re-attach the 25-pair cable to the connector block.

NOTE

Each power lead must be wired in parallel to four terminals on the block. This is to minimize the voltage drop between the power supply and the 46240.