

Instructions for Adapting AC Powered DSP 9612 FlashPoll™ Modem for DC Power Connection

To adapt an AC powered DSP 9612 FlashPoll™ modem to DC power operation (85 to 400 VDC), only the power cable connection will require modification.

As shown in Figure 1, cut off the three-pronged AC safety grounded plug at the end of the modem's power cable. Strip back the outer insulating jacket of the cable as needed for the DC power installation. Strip and tin the three individual wire ends to 3/8" or as needed for DC power connection. Connect power cable to DC power source and safety ground as indicated in Table 1.

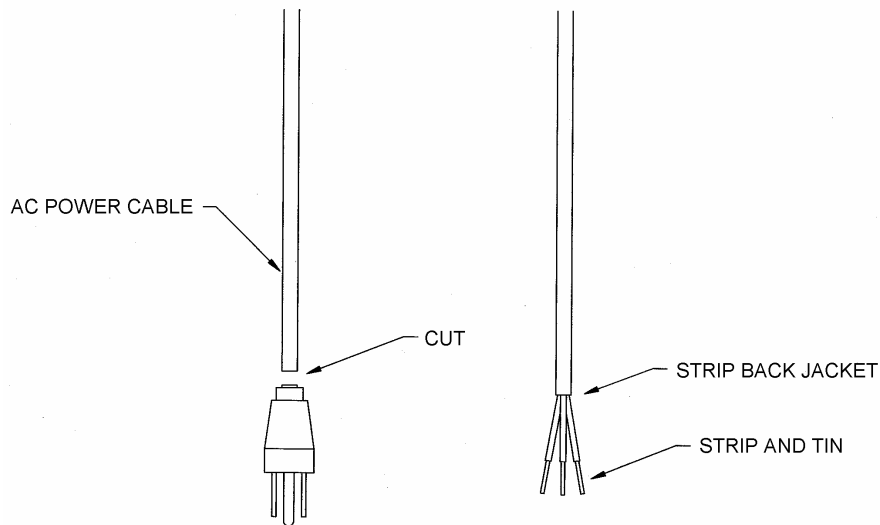


FIGURE 1
POWER CORD MODIFICATION

Two types of AC power cables have been used in production of AC powered DSP 9612 FlashPoll™ modems. Table 1 shows the color codes for connection to a DC power source and to safety ground.

Table 1 - DC Power Connections			
Cable Insulation Colors	DC +V *	DC -V *	Safety Ground
White, Black, Green	Black	White	Green
Blue, Brown, Grn/Yel	Brown	Blue	Green/Yellow

* Note: DCV connections do not require specific polarity, eg. black and white to + and - can be interchanged to white and black to + and -.