



Fabricate special connector test jig as follows:

1. Solder one end of the 35.7 k Ω resistor to pin 1. Solder the other end of the 35.7 k Ω resistor to the shield post and to pin 2.
2. On the 2-wire shielded cable, solder the black lead to pin 1. Solder both the red and shield leads to the connector shieldpost.
3. Solder 1 M Ω resistor to pin 3. Solder the other resistor lead to shieldpost.
4. Solder 1 M Ω resistor to pin 4. Solder the other resistor lead to shieldpost.

Special Connector Parts List

Part Description	Part Number	Vendor
Connector, Plug	09CL4M	Switchcraft, Inc.
Shielded Wire, 2-conducted, 22 ga.	2464	Belden
Resistor, Metal Film, 1 M Ω , 1/8W, 0.1% (2 each)	EMF55T9-1 Meg-0.1% RNC55J1D04BS	Dale Elect. Mil. Spec.
Resistor, Metal Film, 35.7 k Ω , 1/8W, 1/8W, 0.1%	EMF55FT9-35.7k-0.1%	Dale Elect.

Figure 4-11. Fabrication Instructions for Special Connector Used With DC Voltage Standard