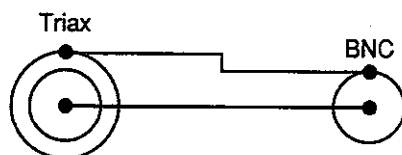
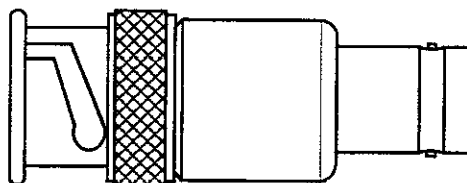


## Model 7078-TRX-GND 3-Slot Triax to BNC Adapter (Guard Removed)

The Model 7078-TRX-GND is a male 3-slot triax to female BNC adapter. It can be used to connect BNC cables to equipment having 3-lug triax connectors (such as Model 7072 Semiconductor Matrix Card). The triax outer shield is connected to the BNC shell. There is no through connection for the triax inner shield, therefore hazardous voltages from guard sources will not be present on the BNC shell.



Schematic



### NOTE

Keep the connections free of contaminants (such as dirt, oil, etc.) in order to maintain maximum insulation resistance. If the connections become contaminated, clean them thoroughly with methanol and allow to dry completely before use.

### SPECIFICATIONS

|                        |                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------|
| Working Voltage:       | 600V peak center conductor to inner shield;<br>1300V peak center conductor and inner shield to outer shell. |
| Max Working Current:   | 1A peak.                                                                                                    |
| Operating Environment: | 0°C to 50°C, up to 70% RH at ≤35°C.                                                                         |
| Contact Resistance:    | <0.5Ω.                                                                                                      |
| Insulation Resistance: | 10 <sup>15</sup> Ω, center conductor to inner shield (500V test voltage, 23°C @ <40% RH).                   |

## **SAFETY WARNINGS**

This adapter should only be used by qualified personnel who recognize shock hazards and are familiar with the safety precautions required to avoid possible injury.

The outer shell of the triaxial connector is for protection from voltages on the center and inner shield conductors. Make sure the outer shell is always connected to earth ground or a properly grounded chassis.

Never touch or change the connections when power is applied to the adapter. Always turn off test system power and discharge all capacitors before connecting or disconnecting the adapter.

To prevent voltages from being exposed or connections from shorting together, make sure both ends of the adapter are properly connected before applying voltage.