

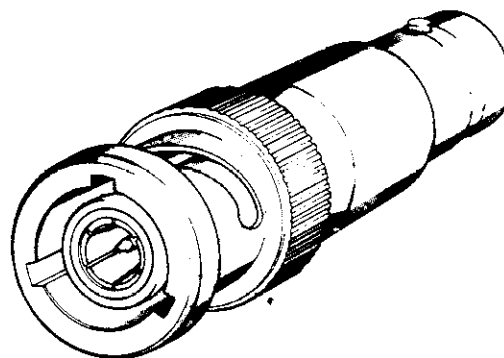
## Models 6171 and 6172 2-Lug/3-Lug Triaxial Adapters

### MODEL 6171

The Model 6171 is a male 3-slot to female 2-lug triaxial adapter. It can be used to connect cables terminated with a 2-slot male triaxial connector (such as the Model 6011) to equipment having 3-lug female triaxial jacks.

### MODEL 6172

The Model 6172 is a male 2-slot to female 3-lug triaxial adapter. It can be used to connect cables that are equipped with 3-slot male triaxial connectors to the Model 617 INPUT jack, which is a female 2-lug triaxial connector.



#### 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:	500V peak center conductor to inner shield; 500V 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.