

## Models 7078-TRX-1, TRX-3, TRX-5, TRX-10, TRX-12, TRX-20 3-Lug Triax Cables

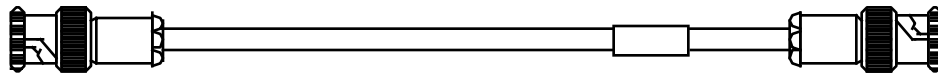
This 3-lug triax cable is available in seven lengths:

Model no.	Length	Model no.	Length
7078-TRX-6IN	0.5 ft. (0.15m)	7078-TRX-10	10 ft. (3m)
7078-TRX-1	1 ft. (0.3m)	7078-TRX-12	12 ft. (3.6m)
7078-TRX-3	3 ft. (0.9m)	7078-TRX-20	20 ft. (6m)
7078-TRX-5	5 ft. (1.5m)		

The cables are terminated at each end with 3-slot triax connectors. They can be used to connect with equipment having female 3-lug triax connectors (such as the Model 7072 Semiconductor Matrix Card).

### NOTE

To maintain maximum insulation resistance, keep the cable connectors free of contaminants (dirt, oil, etc.). If they become contaminated, clean thoroughly with methanol and allow to dry completely before use.



### SPECIFICATIONS

Working Voltage:	600V peak center conductor to inner shield; 1300V peak center conductor and inner shield to outer shell.
Operating Environment:	0° 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 cable should only be used by qualified personnel who recognize shock hazards and are familiar with the safety precautions required to avoid possible injury.

Inspect the cable and connector for wear, cracks, or breaks before each use.

The outer shell of the triaxial connector is for protection from voltages on the center and inner shield conductor. 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 cable assembly. Always turn off test system power and discharge all capacitors before connecting or disconnecting the cable.

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