

**Model 79-T
Triaxial Probe Holders**

Specifications

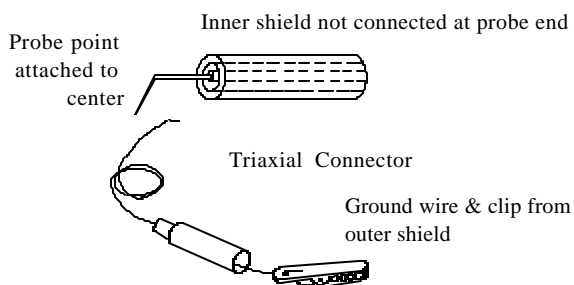
Model 79-Triaxial Probe Holder specifications and dimensions:

Probe Holder	Method of securing probe points	Choice of spring loaded pin jack or set screw.
	Compatible Probe Points: Pin Jack Model	Accepts points with shank diameters 15 to 30 mils. Accepts all model 7 probe points (20 mil shank).
	Compatible Probe Points: Set Screw Model	Accepts probe points with shank diameters 15 to 22 mils. Accepts all model 7 probe points (20 mil shank).
	Isolation	> 5×10^{12} ohms between the center conductor and inner shield. Higher isolation "certified" probes available to > 1×10^{14} ohms. > 5×10^{12} ohms between the inner and outer shields.
Wiring (see Wiring Detail below)	The center conductor is connected to the point. The inner shield floats, not connected at the probe end. The outer shield is attached to a 6 inch ground wire at the probe holder, for connection at DUT.	

Cable	Length	30 inches standard. Special lengths are available from a few inches to any length required.
	Impedance	50 ohms.
	Capacitance	Per foot: 29.4 pf inner, 100 pf outer.
	Inner conductor material and conductance	Silver plated, copper coated steel. Conductivity is 160 milliohms per foot (4% of copper).
	Dielectric	Teflon to minimize crazing, cracking and hydroscopic effects.
	Shield material and coverage	Tinned copper braid. 95% coverage for inner shield. 91% for outer shield.
	Special features	Low triboelectric effect, low noise. 50 db lower than standard cat

Connector	TRB	Triaxial bayonet 3 lug.
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Wiring Detail



Triaxial Probe Holder

