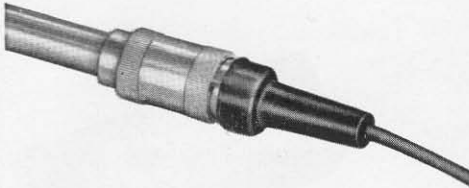


COAXIAL EQUIPMENT WITH LOCKING-TYPE CONNECTORS



The locking version¹ of General Radio's TYPE 874 Coaxial Connector* is now standard equipment on several instruments and coaxial elements. With components fitted with these new connectors, measurement setups can be assembled that possess an exceptionally high degree of mechanical rigidity and electrical stability. At the user's option, however, the locking feature can be disregarded, and the basic quick-connect/disconnect feature of the TYPE 874 Connector will permit rapid changes and substitution of parts. Further, since both the locking and the non-locking types are completely compatible, either

can be plugged directly into the other.

Electrically, the voltage-standing-wave ratio is essentially unchanged from the low value that is characteristic of TYPE 874 Connectors. Typical figures for a pair of locking connectors are: <1.02 up to 3 Gc and <1.06 up to 7 Gc.

The shielding qualities of the locking connector produce an outstanding gain for measurement systems. Leakage is down approximately 50 db below that of the non-locking type.

Coaxial instruments now equipped with locking-type connectors are the TYPE 1602-B UHF Admittance Meter and the TYPE 874-LBA Slotted Line. In the admittance meter, only the detector connector, for mechanical reasons, remains a non-locking type.

The following coaxial elements are now available with either type of connector. Those with locking connectors are identified by the letter L added to the type number, as listed below.

¹"New and Improved Coaxial Connectors," *General Radio Experimenter*, 35, 10, October, 1961.
*U.S. Patent No. 2,548,457.

Type		Code Word	Price
874-D20L	20-cm Adjustable Stub.....	COAXCOUGAR	\$16.00
874-D50L	50-cm Adjustable Stub.....	COAXJAGUAR	19.00
874-EL-L	Ell.....	COAXYLLAMA	10.50
874-GAL	Adjustable Attenuator.....	COAXYHORSE	67.00
874-G3L	Fixed Attenuator, 3 db.....	COAXYBISON	38.00
874-G6L	Fixed Attenuator, 6 db.....	COAXBADGER	32.00
874-G10L	Fixed Attenuator, 10 db.....	COAXBEAVER	32.00
874-G20L	Fixed Attenuator, 20 db.....	COAXYCAMEL	32.00
874-LAL	Adjustable Line.....	COAXYTAPIR	27.00
874-LK10L	Constant-Impedance Adjustable Line, 10 cm	COAXYHIPPO	42.00
874-LK20L	Constant-Impedance Adjustable Line, 22 cm	COAXYRHINO	42.00
874-LTL	Constant-Impedance Trombone Line, 44 cm	COAXYMOOSE	97.00
874-MRL	Mixer Rectifier.....	COAXYOTTER	34.50
874-R22L	Patch Cord.....	COAXYFIXER	10.00
874-TL	Tee.....	COAXOCELOT	14.00
874-VCL	Variable Capacitor.....	COAXMONKEY	61.00
874-VQL	Voltmeter Detector.....	COAXYLEMUR	32.00
874-VRL	Voltmeter Rectifier.....	COAXAGOUTI	32.00