

Philmore

HIGH Q ANTENNA LOOP COIL FOR BROADCASTING AND 160METERS

CATALOGUE NO. R841TJ

The PHILMOR Antenna Coil is a compact high Q inductance. The “Q” at 550KC and 1000KC is 220, which is much superior to that of average commercial loop or antenna coils. This means higher gain and better sensitivity.

The coil is nondirectional, and will not require moving around for best signal pickup. Average good pickup is obtained by unwinding the stretching out the 12” length of wire attached to the coil. Keep this wire away from the chassis and tape or cement it to the cabinet. Tune in a station around 570KC or 600KC before disconnection the loop or antenna coil to be replaced.

Leave the tuning condenser in this position; attach the PHILMORE loop coil in the bracket to the chassis. Disconnect the loop or coil and connect the two leads to the PHILMORE coil. the ground lead going to the one lug and the other lead to the lug with the 12” wire connected.

Adjust the slug screw until station is loudest.

Retune to 1400KC and adjust antenna trimmer condenser for loudest results.

Retune to 570KC or 600KC and adjust slug again.

Retune to 1000KC and check for loudness.

Go over these adjustments until the best overall results are obtained. At localities situated at some distance from the station or in a fringe are and additional 5 to 6 feet of wire may be added to the 12”length. The slug and trimmer will need readjusting if wire is added.

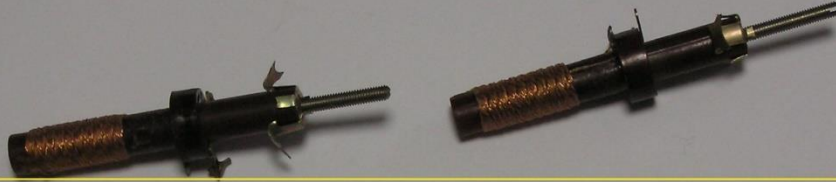
The bracket provided holds the coil by pushing the tinnerman clip into the 5/16”hole until the retaining clip clicks into place. The small tongue in the center of one side of the clip goes into the hole.

A tap is provided on the coil to match the low impedance load of a crystal detector or a transistor input (base element). The tuning condenser is connected across the total coil winding. This method (providing a tap on the coil) makes possible the greatest amount of selectivity and gain.

EVERYTHING IN THE PHOTO ~~\$50.00~~ SHIPPING INCLUDED.

40.00

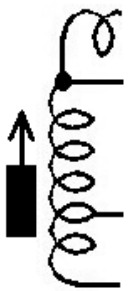
Broadcast band antenna coils no data.



Philmore #R841TJ High Q antenna loop coils for broadcast band.

**PHILMORE
R841TJ**

12 Inch antenna



- A** A to C 60uh to 330uh
 - B** B to C 3uh to 7uh low Z drive for transistor base or xtal detector
 - B** @250uh 650KHz resonates with 250pf
 - C** @250uh 1.9MHz (160 meters) resonates with 29pf
- Tuning cap connects from A to C

NO PART #



- 134uh to 1100uh
- @600uh 650KHz resonates with 92pf
- @600uh 1.9MHz resonates with 11pf