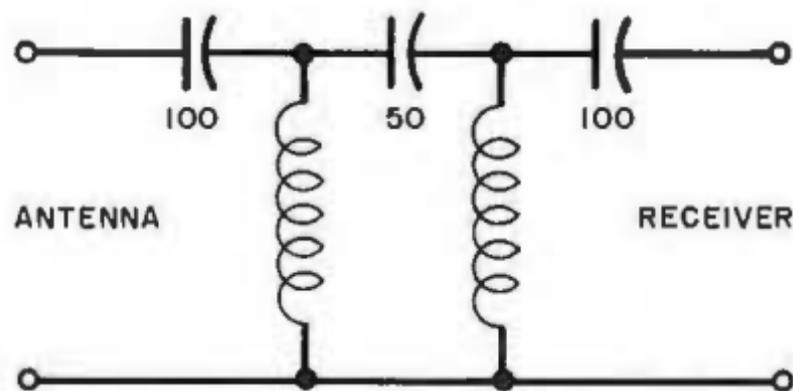


HIGH-PASS FILTER

Q. *Do you have a simple circuit for a high-pass TV filter for use with 75-ohm coaxial lines?*

—Murray Becker, Brooklyn, NY

A. Here's a filter that can be used with coax-fed TV and FM receivers. Capacitors are silver mica types, rated in picofarads. The inductors are three



turns of No. 14 wire, $\frac{3}{4}$ " (19.05-mm) diameter, spaced eight turns to the inch. It will attenuate all signals below 40 MHz, but will pass TV and FM signals. For best results, the filter should be constructed in a shielded enclosure, but shielding will not always be necessary.