"P" and "Q" Series Duplexers

Tools Required:
5/16 Hex or open end wrench
7/8 open end wrench
Phillips head screwdriver

Recommended Equipment (or equivalent)
Refer to tuning instructions pages CI-1068 or CI-1069A-B

Fig. 1-Sweep generator
Hewlett Packard-Model 8754
Oscilloscope
A/R 6-10 dB, 50 OHM attenuator (pad)

Fig. 2-Network analyzer
Hewlett Packard-Model 8752 A
300 KHz-3 HGz

Replacement Parts
Replacement parts are available for the various models of this series of filters.
Contact the Sinclair Sales or Engineering Departments for delivery, minimum order requirements, prices and replacement parts for other models of filters not described in the tuning instructions.

- Cavity assemblies less loops:
  No. 350722 (*) 7 inch diameter cavities
  (*) specify frequency required for all series.
- Loop assemblies for "P" Series Bandpass filters:
  No. s 350326 ................. 406-512 MHz
         350324 ................. 132-174 MHz
         351225 ................. 30-88 MHz
- Loop assemblies for "Q" Series filters:
  No. s AD-4350-1 ............. 406-512
         350714 ................. 132-174
- Cavity Hole Cover ............ No. 246512
- Tee connector for the "Q" Series ...... UG 107B/U
- Capacitors for the "Q" Series loops ... No. 5602 VHF
      ......................... No. 5202 UHF

- Cabinets for "P" and "Q" Series duplexers:
  Models CAB 1 ...... 40.4 H, 22 W, 17.2 D
          CAB 2 ...... 66.4 H, 22W, 18.0 D
          CAB 3 ...... 19.5 H, 22 W, 18.0 D
- Cavity Filter mounting brackets:
  19 in. rack mount:
      Quad 7 in. dia. cavity ...... FMB.7-4
      Dual 7 in. dia. cavity ...... FMB.7-2