

“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