

## “P” Series Bandpass Duplexers

**CI-1064**

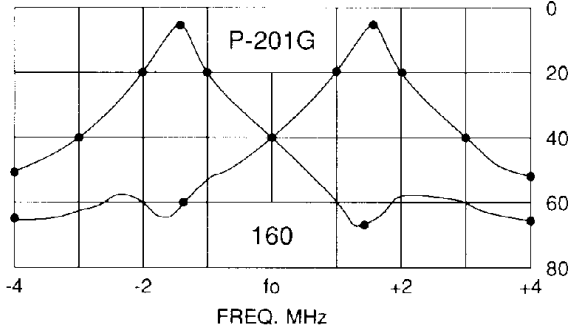
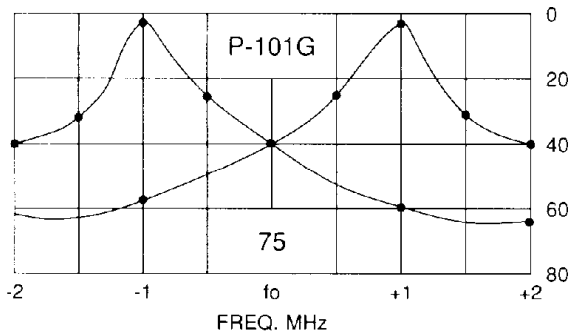
Electrical Specifications	P-101 G*	P-201G*	P-301G*
FREQUENCY RANGE MHz	66-88	132-174	406-512
FREQUENCY SEPARATION MHz	2 Min.	3 Min.	5 Min.
INSERTION LOSS      dB			
Tx to ANT.	1.2 dB MAX.		
Rx to ANT.	1.2 dB MAX.		
ISOLATION dB Min.			
Tx NOISE SUPPRESSION AT Rx	52	55	53
Rx ISOLATION AT Tx	52	55	53
Between Duplex Freq.	80 min.		
Tx to Tx	80	80	80
VSWR	1.5:1 max.		
POWER RATING      watts	350	400	350
TERMINATIONS	TYPE “N” FEMALE		
TEMPERATURE RANGE	-40° C TO + 60° C		
Note: (1) VSWR is referenced to 50 ohms			
(2) Specify transmit and receive frequencies when ordering			

\* R=Rack Mount    C=Cabinet Mount

Note 1: The duplexers are furnished in the following sub-bands, and because the inter connect cables lengths change from one band to another the cables must be changed. Consult Sinclair Sales or Engineering Departments for lengths required.

Models: P-201G (132-150) (148-174) MHz

Models: P-301G (406-420) (450-512) MHz



Typical response curves are shown. Other models are also available other than those listed, but the same tuning instructions apply for bandpass duplexers. Refer to following pages:  
 CI-1068 retuning instructions  
 CI-1067 mechanical-rack and cabinet dimensions

