

FAX 716-675-6742

High performance and affordability are featured throughout the GLB product line. All products carry a 90-day warranty.

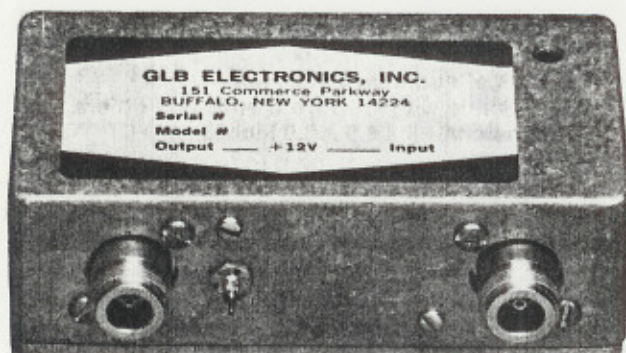
GLB products include high quality components and prewound coils. Circuit boards are made from G-10 epoxy and are silk-screened and solder-masked for easy construction.

Our design capabilities offer cost-effective solutions for special applications from HF to microwave, with production support for large quantities.

Contact us with your requirements - amateur, commercial, and military.

GLB PRESELECTOR - PREAMP

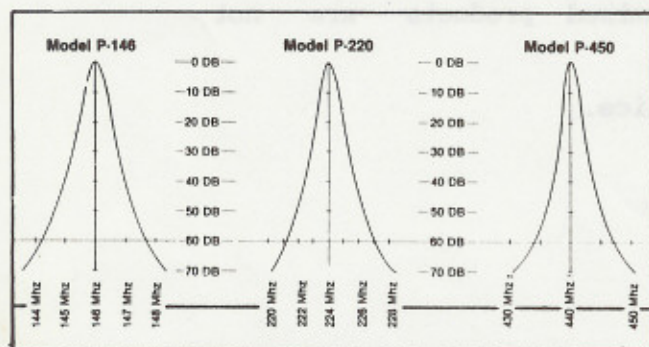
THE SOLUTION TO MOST INTERFERENCE, INTERMOD & DESENSE PROBLEMS.



FANTASTIC REJECTION!

Typical rejection:

- ±600 KHz @ 144 Mhz: -28db
- ± 1.6 Mhz @ 220 Mhz: -40db
- ± 5 Mhz @ 450 Mhz: -50db
- ± 20 Mhz @ 800 Mhz: -65db
- ± 20 Mhz @ 950 Mhz: -70db



Typical Selectivity Curves

Frequency (MHZ)

144-149; 220-225

430-450

150-170

450-470

800-1000 w/GaAs Fet
& N connectors

Other Frequencies available

Connector options: N SO239 BNC

GaAs Fet option (200- 800Mhz)

Special tuning:

Max Selectivity w/ 2-3 db gain
or Max Gain 10-11 db gain

- LOW COST
- 40- 1000 Mhz - tuned to your RX frequency
- 5 Large Helical Resonators
- LOW noise - HIGH overload resistance
- 8 db Gain - Ultimate Rejection > 80 db
- 10 to 15 Volts DC Operation
- 10-25 ma Current Drain
- Cast Aluminum Enclosure
- Small size - 1.6 x 2.6 x 4.75" exc. connectors

DESIGN OBJECTIVES

The function of a preselector is to provide additional filtering against undesired signals. The design objective in this product line is to achieve the highest possible selectivity with carefully controlled gain. Very sharp selectivity is produced through five helical resonators which can benefit receivers in many instances where intermod and cross-band interferences occur. The "nose" of the selectivity curve is extremely sharp, so the unit must be tuned to the exact frequency used.

Easy installation of our "add on" preselector can be the low-cost cure for problems which until now could only be accomplished by improving the dynamic range of the receiver itself.

Custom units are available on special order. Write or call for quotations.

GALLIUM ARSENIDE VERSION

Better performance is obtained with GaAs transistors. The higher gain these transistors provide is traded off for still better selectivity. GaAs transistors also offer greater resistance to overload and improved noise figure.

MODEL P-40-1000

Frequency (Mhz)	-	Price
40-144	-	199.00
144-150	-	159.00
150-175	-	169.00
220-225	-	169.00
420-450	-	169.00
450-470	-	179.00
470-800	-	199.00
800-1000	-	275.00 (incl. GaAs FET & N Conns)
Frequencies not listed	-	199.00

OPTIONS

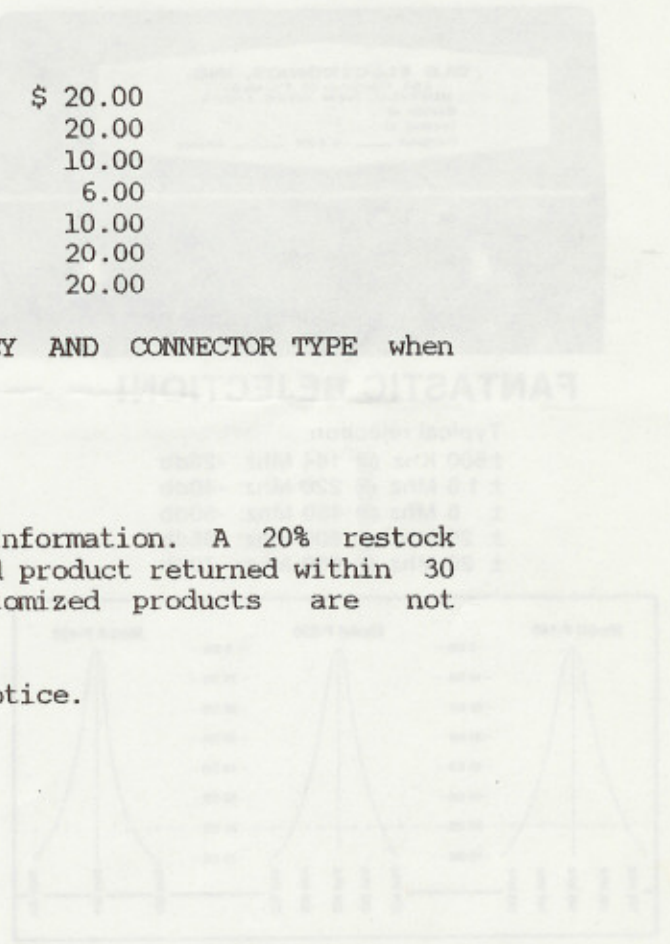
GaAs FET - available 200 - 800 Mhz	-	\$ 20.00
N Connectors	-	20.00
SO239 Connectors	-	10.00
BNC Connectors	-	6.00
F Connectors with 75 ohm impedance	-	10.00
Maximum Selectivity Special Tuning	-	20.00
Maximum Gain Special Tuning	-	20.00

Please specify exact RECEIVE FREQUENCY AND CONNECTOR TYPE when ordering.

Returns and restock policy:

Contact GLB for Return Authorization Information. A 20% restock charge will be imposed on any standard product returned within 30 days in original condition. Customized products are not returnable.

Prices are subject to change without notice.



Typical Selectivity Curves

Frequency (MHz)
 144-150
 150-175
 220-225
 420-450
 450-470
 470-800 w/GaAs FET
 800-1000 w/GaAs FET & N connectors

Other frequencies available
 Connector options: N, SO239, BNC
 GaAs FET option (200-800MHz)
 Special tuning
 Max Selectivity w/ 2-3 db gain
 or Max Gain 10-11 db gain

GALLIUM ARSENIDE VERSION

Better performance is obtained with GaAs transistors. The higher gain GaAs transistors provide a boost for still better selectivity. GaAs transistors also offer greater resistance to overload and improved noise figure.