

# WESTBURY ELECTRONICS, INC.

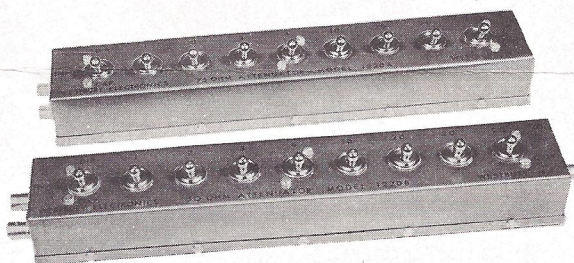
40 Urban Avenue Westbury New York

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## VARIABLE ATTENUATOR Model 1220 ( )

- 82 db in 1 db steps
- Two inputs with a selector switch
- Shield barriers between sections
- Positive contact toggle switches
- Either 75 ohm or 50 ohm characteristic impedance



Model 1220 ( ) Variable Attenuator provides a total of 82 db attenuation in 1 db steps. The eight sections are 20, 20, 20, 10, 6, 3, 2, and 1 db. Two inputs are provided thru a selector switch such that the attenuator can be transferred from one source to another simply by the flick of a switch. One of the inputs is directly connected (for use at frequencies down to 0) to the selector switch while the other is coupled thru a 1000 mmf capacitor to provide DC isolation. The unused input is automatically grounded by the selector switch. Leakage from one input to the other is approximately 45 db down.

Resistors are "ground in" to calculated values and the wounds are painted with a protective coating.

To minimize leakage, shield barriers are welded in between sections. Toggle switches provide good positive contacts.

Preliminary specifications are as follows:

Total attenuation	82 db p/m 1.0 up to 200 mc
VSWR	less than 1.05
Insertion loss	0.5 db

The 50 ohm unit is equipped with BNC connectors (UG625A/U) and the 75 ohm unit has miniature connectors that mate with our No. A102 cable connectors, Jerrold C52, IPC MC-50, Kings Electronics KP7500, etc.

When ordering, specify as follows:

Model 1220A	75 ohms.
Model 1220B	50 ohms.