

"C" Series Multicouplers

Tuning Instructions

- All "C" Series units are tuned and shipped to frequencies, insertion loss, and isolation values as requested by the customer at time of order.
- Minor retuning in the field can be accomplished by following the tuning procedures as shown on the following pages CI-1055 thru CI-1058.
- Each "C" Series can be retuned through the system, but if major changes are to be made, it is recommended that each cavity in the system should be retuned individually.
- In either case the critical cable lengths in each "C" Series should not be altered. The cables between series are not critical lengths but should be kept as short as possible in order to keep insertion losses low from each channel to antenna, or visa-versa.
- **CAUTIONS:**
Do not use a transmitter as a signal source for tuning filters unless the transmitter will supply power to a short circuit or an open circuit without damage to the transmitter.

Do not change the lengths on any of the associated cables within each "C" Series channel.

- When adding additional channels to the existing system, maintain the minimum separation as required for each series as shown on Page CI-1117.

Replacement Parts

Replacement parts for the "C" Series can be furnished upon request including:

Cavities, Loops, and Cables: (Ref. Pg. CI-1122)

Consult Sinclair Sales or Manufacturing Departments for part numbers, prices and delivery.