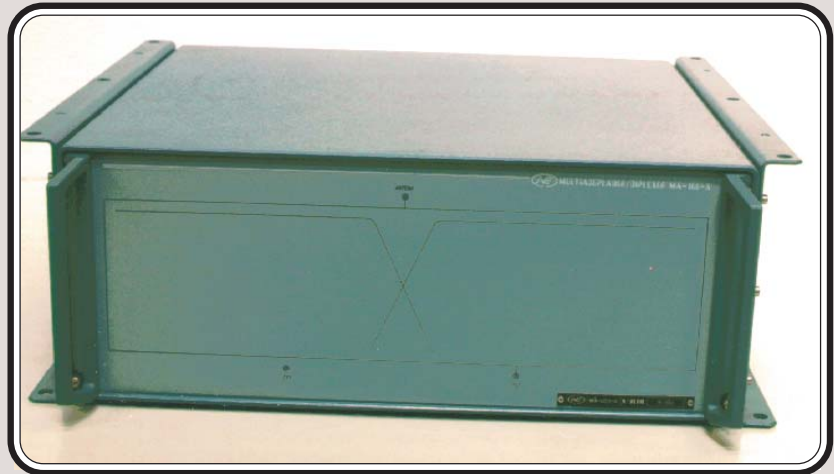




INVELCO S.A.
INVESTIGACIONES ELECTRONICAS Y COMUNICACIONES

ANTENNA DIPLEXER
MULTICOUPLER

CONNECTION OF A
TRANSMITTER ANTENNA TO
TWO TRANSMITTERS



ANTENNA DIPLEXER MULTICOUPLER MOD. MA-100-A

Equipment intended for permitting the operation of several transmitters in different frequencies with an alone antenna.

Passive device without insertion losses practically and that isolates a transmitter of another one in more than 25dB., avoiding thus the intermodulation between them.

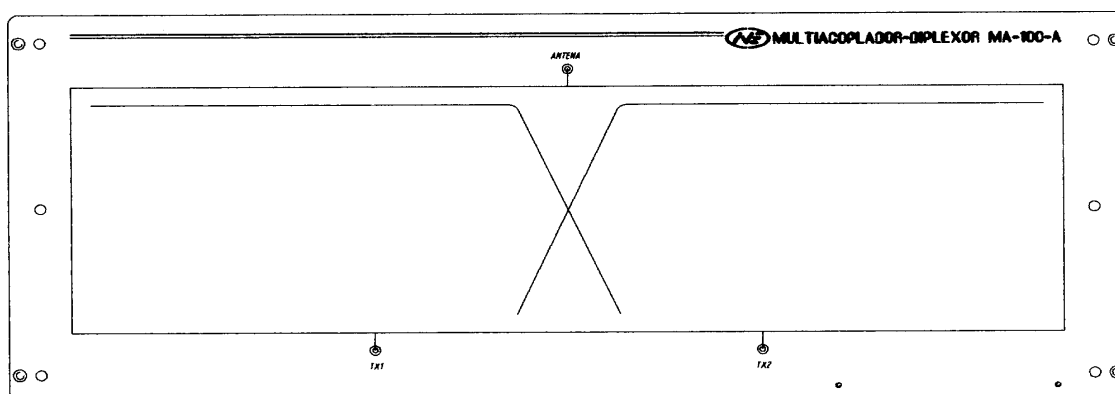
IMPORTANT SPECIFICATIONS:

- R.O.E. IN ALL INPUTS BETTER THAN 2:1.
- INPUT POWER 1.200 W.
- NUMBER OF INPUTS 2.
- NUMBER OF OUTPUT 1.
- REJECT BETWEEN INPUTS BETTER THAN 26 DB.
- PASSIVE EQUIPMENT.
- CONTROL IS NOT NECESSARY.
- POWER SUPPLY IS NOT NECESSARY.

Spanish
fabrication



ANTENNA DIPLEXER MULTICOUPLER TECHNICAL CHARACTERISTICS
MODEL MA-100-A



TECHNICAL SPECIFICATIONS:

Power used by input 1200W.
 Output power Add the input powers
 Input/output impedance 50Ohm.
 Input connectors NFemale
 Output connectors 7/16Female
 Number of inputs 2
 Number of Outputs 1
 Operating frequency TX1 1,5 to 1,8 MHz.
 Operating frequency TX2 2,1 to 7 MHz.
 Insertion loss of an input in the output Maximum 1DB (typical 0,3DB.)

Dimensions

Height 185mm
 Width 500mm
 Depth 500mm

Weight 7 Kg.
 Finishing RAL 7001/RAL 7031
 Serigraphy Whait / black
 Eject between inputs Better than 26 DB.
 ROE in all inputs Better 2:1

NOTE: This equipment does not need any external control neither power supply.

NOTE: Between operating bands must remain at least a 20% of keeper band.