

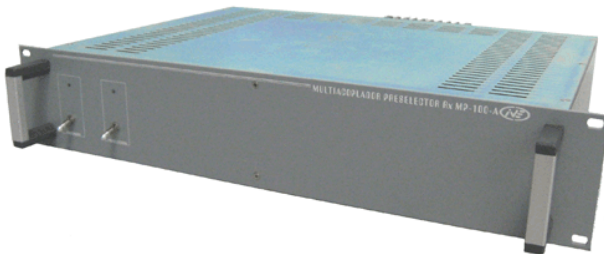


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PRE-SELECTOR MULTICOUPLER MODEL MP-110-A

2 - INPUTS
10 - OUTPUTS



- This MP-110-A Multicoupler can connect up to 10 receivers to one or two antennas in the range of 500KHz to 30MHz.
- It can incorporate a pre-selector filter that can be activated at will, even from the distance.
- Input impedance 50Ω.
- Output insulation / better output of 30dB.
- 2^o order Intermodulation Ip2 = 50dBm.
- 3^o order Intermodulation de Ip3 = 30dBm.
- Power supply 220VAC, 50/60 Hz.
- Temperature range -20°C to +55°C.

The MP-100-A pre-selector multicoupler is destined, with no losses, one or two receiver antennas to ten H.F. receivers in the range of 0.5 to 30 MHz with no noticeable interaction between them. It also has an amplifier of high intercept point of third order (low intermodulation), for compensating the losses originated in the pre-selector input filter and the distributor of 1 to 10 outputs.

*10 receivers
To one or two
antennas*

PRE-SELECTOR MULTICOUPLER MODEL MP-110-A

TECHNICAL CHARACTERISTICS

GENERAL SPECIFICATIONS

Frequency range	500 KHz - 30 MHz
Input/Output impedance	50Ω.
Input connectors	N Female.
Number of antenna inputs	2
Number of receiver output	10
Max. Input/Output VSWR	2:1
Output/Output insulation	Better than 30dB.
Output/Input insulation	Better than 25dB.
Noise figure	10dB maximum..
Insertion gain	3dB ± 3dB.
2nd order intermodulation	Ip2 = 50dBm.
3rd order intermodulation	Ip3 = 30dBm.
Input protection	30Vrms.
Static electricity	Solid state unloader.
Other protections	Fuse for R.F.

PRE-SELECTOR SPECIFICATIONS

Connection/disconnection	Frontal key.
Passband with connected pre-selector (specified by user) in the range of 500 KHz to 30 MHz	
Passband with disconnected pre-selector 500 KHz to 30 MHz	

POWER SUPPLY

Power supply	115/220 Vac.
Maximum consume	60 W.

MECHANICAL SPECIFICATIONS

Height	88 mm (2U).
Width	482.5 mm (19').
Deep	305 mm (12').
Weight	5 Kg.
Finish	RAL 7001/RAL 7031
Serigraphy	White / Black

NOTE:

It can also include internally a Notch filter (excluded band) to attenuate some not desired frequencies inside the band, according to what the user requires.