



INVELCO, S.A.

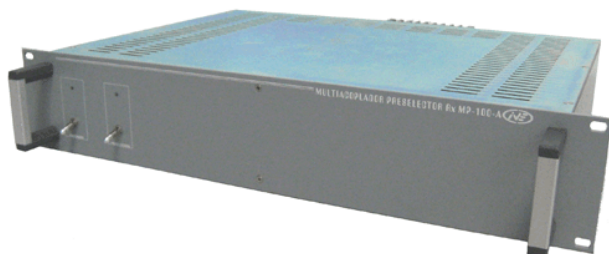
INVESTIGACIONES ELECTRONICAS Y COMUNICACIONES

invelco@invelco.com



www.invelco.com

RX-VHF PRE-SELECTOR MULTICOUPLER MODEL MP-650-A



- The MP-650-A Multicoupler can connect up to 8 receivers to only one antenna.
- It incorporates a pre-selector filter for Rx in marine band.
- Frequency range of 156MHz to 157.5MHz.
- Input impedance 50Ω.
- Output insulation / output of 30dB.
- 3^o order intermodulation Ip3 = 30dBm.
- Power supply 220VAC, 50/60 Hz.
- Range temperature -20°C to +55°C.



The MP-650-A pre-selector multicoupler is destined to connect, with no losses, one receiver antenna to eight VHF receivers 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 8 outputs.

*8 receivers
to only
one antenna*

RX-VHF PRE-SELECTOR MULTICOUPLER MODEL MP-650-A

TECHNICAL CHARACTERISTICS

GENERAL SPECIFICATIONS

Frequency range	156 - 157.5 MHz (Marine Band)
Input/Output impedance	50Ω.
Input connectors	N Female.
Number of antenna inputs	1
Number of receivers output	8
Typical Input/Output SWR	1.5 / 1
Input/Input insulation	30dB ± 3dB.
Insertion gain	0 ± 4dB.

3rd order intermodulation $Ip3 = 30dBm$.

POWER SUPPLY

Power supply	220 Vac.
Maximum consume	10w.

MECHANICAL SPECIFICATIONS

Height	88 mm (2U).
Width	482.5 mm (19").
Depth	305 mm (12").



INVELCO S.A.

Ronda de Poniente 15, 28760 Tres Cantos (Madrid) – España
Tel: (+34) 918 032 444 Fax: (+34) 918 033 228
www.invelco.com invelco@invelco.com

Page 2

