
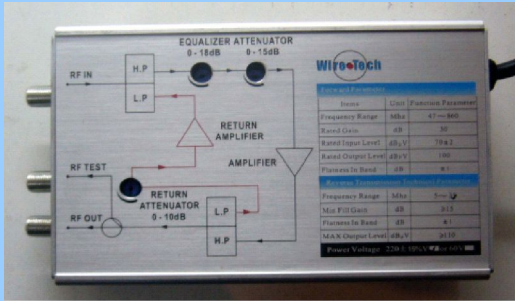


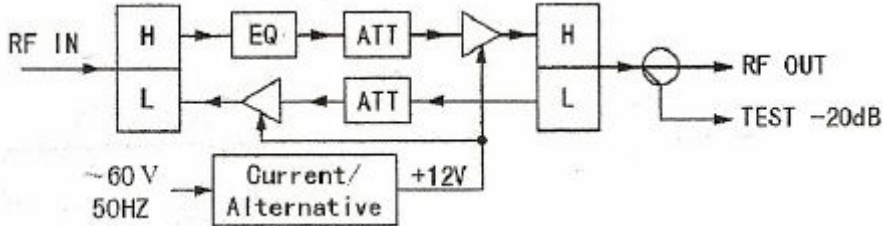
|                          |   |   |
|--------------------------|---|---|
| Codificacion: WT-IA860-R | INFORMACION TECNICA                       |  |
| Fecha: 05/06/2008        |   |   |
| Hojas 1 de 2             |   |   |
| Asunto                   | Amplificador de Edificio de 860Mhz /Rever |   |



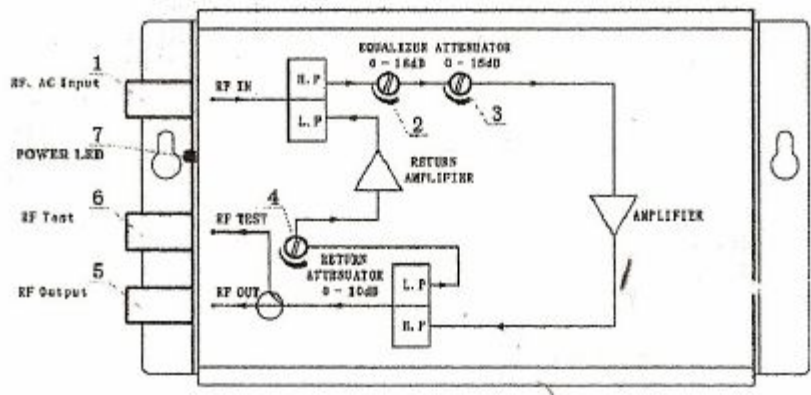
**CARACTERISTICAS**


Amplificador compacto con hibrido de alta ganancia en banda directa y banda de reversa activa. Sus principales ventajas son la de una baja figura de Ruido y muy baja distorsion obteniendo una Relacion Señal/Ruido optima. La ecualizacion y la atenuacion de la señal se efectua mediante ajustes variables incluido en el equipamiento.

**DIAGRAMA**



**PLACA DE CONTROL**



|                          |  |   |
|--------------------------|--|---|
| Codificación: WT-IA860-R | INFORMACION TECNICA                      |  |
| Fecha: 05/06/2008        |  |   |
| Hojas 2 de 2             |  |   |
| Asunto                   | Amplificador de Edificio de 860Mhz /Reve |   |

## PARAMETROS CARACTERISTICOS

| Item  | Unit   | IA550R                            |
|---|--------|-----------------------------------|
| Forward Transmission                          |        |                                   |
| Frequency Range                               | MHz    | (47) 87~860                       |
| Rated Gain                                    | dB     | 30                                |
| Min Fill Gain                                 | dB     | ≥30                               |
| Rated Input Level                             | dB μ V | 72                                |
| Rated Output Level                            | dB μ V | 102                               |
| Flatness in Band                              | dB     | ±1                                |
| Noise Figure                                  | dB     | ≤10                               |
| Return Loss                                   | dB     | ≥114                              |
| C/CTB (84 PAL-D)                              | dB     | ≥58                               |
| C/CSO (84PAL-D)                               | dB     | ≥56                               |
| Signal to Alternative Noise Ratio             | dB     | ≤2%                               |
| Gain Stability                                | dB     | ≤± 1.0                            |
| Voltage Stroke                                | KV     | 5                                 |
| Backward Transmission                         |        |                                   |
| Frequency Range                               | MHz    | 5-(30-65)                         |
| Rated Gain                                    | dB     | 15                                |
| Flatness in Band                              | dB     | ±0.75                             |
| Noise Figure                                  | dB     | ≤12                               |
| Return Loss                                   | dB     | ≥16                               |
| MAX Output Level                              | dB μ V | ≥110                              |
| Carrier to second order intermodulation ratio | dB     | ≥52                               |
| Carrier to Alternative noise ratio            | 2%     | <2                                |
| General Response                              |        |                                   |
| Power Voltage(50Hz)                           | V      | A:AC (165~250)V , B: AC (115~60)V |
| Power consumption                             | VA     | 8                                 |
| Impulse Resisting Voltage                     | Kv     | >5                                |
| Dimension                                     | Mm     | 178(L) x 100 (W) x55(H)           |

