# *904* BROADBAND AMPLIFIERS

## AMPLI UHF-UHF-BIII-BI/FM 2 OUT LTE700



Code : **9040146**

Model : **CA-362**

Description
Broadband amplifiers for head-end, compatible with transmission of LTE700 and LTE800 mobile telephone signals. Includes a rejection filter for LTE700/800 signals. Equipped with four inputs to amplify and combine the signals coming from the antennas. Power supplied automatically to preamplifier. Available on request in 125 and 240 V~.

Applications
Medium-sized individual digital and analogue terrestrial TV installations which are affected by the transmission of LTE700 and LTE800 mobile telephone signals. It is used as the head-end amplifier of the installation. The two outputs facilitate star-shaped distributions from the head-end through the use of splitters.

Characteristics
Made from ABS plastic, with an internal zamak chassis of which provides maximum shielding. F type connectors which affords a connection with minimum mismatching and high shielding. Power supply unit insulated from the rest of the high frequency circuit, complying with all safety standards. F-type connectors for screwing on or crimping.

| CÓDIGO-CODE-CODE | | 9040146 | | | |
|---|---|---|---|---|---|
| MODELO-MODEL-MODELE | | CA-362 | | | |
| Número de entradas/salidas<br>Number of inputs/outputs<br>Nombre d'entrées/sorties | | 4/2 | | | |
| Rango de frecuencia<br>Frequency range | Band | BI/FM | BIII/DAB | UHF1 | UHF2 |
| Gamme de fréquences | MHz | 40-108 | 160-260 | 470-694 | |
| Ganancia<br>Gain<br>Gain | dB<br>± TOL | 20 ±1,0 | 20 ±1,0 | 30 ±1,0 | |
| Regulación de ganancia<br>Adjustable gain range<br>Plage de réglage du gain | dB | 20 | | 16 | |
| Nivel de salida<br>Output level<br>Niveau de sortie | dBμV | 2 x 110 DIN 45004B<br>2 x 107 (IMD$_3$ -66 dB)<br>2 x 100 (IMD$_2$ -60 dB) | | | |
| Figura de ruido<br>Noise figure<br>Facteur de bruit | dB<br>± TOL | 6,5 ±1,5 | | 5,5 ±1,5 | |
| Desacoplo<br>Isolation<br>Découplage | dB | ≥13 | | | |
| Tensión de salida<br>Output voltage | V... | - | | 24 | - |
| Tension de sortie | mA | - | | 50 | - |
| Tensión de red<br>Mains voltage | V~ | 230 ±10%   50/60 Hz | | | |
| Tension de secteur | VA | 7 | | | |
| Temperatura de funcionamiento<br>Operating temperature<br>Température de fonctionnement | °C | -10..+65 | | | |
| Índice de protección<br>Protection index<br>Indice de protection | | IP 20 | | | |