

# 904 BROADBAND AMPLIFIERS

## AMP UHF-VHF/FM 2 OUTPUTS LTE700



Code : **9040147**

Model : **CA-361**

### 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 two 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		9040147
MODELO-MODEL-MODELE		CA-361
Número de entradas/salidas Number of inputs/outputs Nombre d'entrées/sorties		2/2
Rango de frecuencia Frequency range Gamme de fréquences	Band MHz	BI      FM      BIII/DAB      UHF 40-70    88-108   160-260    470-694
Ganancia Gain Gain	dB $\pm$ TOL	32 $\pm$ 1,0    22 $\pm$ 1,0    32 $\pm$ 1,0    42 $\pm$ 1,0
Regulación de ganancia Adjustable gain range Plage de réglage du gain	dB	20      16
Test de salida Output test point Sortie test	dB $\pm$ TOL	-30 $\pm$ 0,5
Nivel de salida Output level Niveau de sortie	dB $\mu$ V	2 x 110 DIN 45004B 2 x 107 (IMD <sub>3</sub> -66 dB) 2 x 100 (IMD <sub>2</sub> -60 dB)
Figura de ruido Noise figure Facteur de bruit	dB $\pm$ TOL	4 $\pm$ 1,5      3 $\pm$ 1,0
Desacoplo Isolation Découplage	dB	$\geq$ 10
Tensión de salida Output voltage Tension de sortie	V... mA	-      24 -      50
Tensión de red Mains voltage Tension de secteur	V~ VA	230 $\pm$ 10% 50/60 Hz 7
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	-10..+65
Índice de protección Protection index Indice de protection		IP 20