

# 904 BROADBAND AMPLIFIERS

## AMP UHF-UHF-VHF/FM 2 OUTPUTS LTE700



Code : **9040141**

Model : **CA-360**

### 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 three 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		9040141				
MODELO-MODEL-MODELE		CA-360				
Número de entradas/salidas Number of inputs/outputs Nombre d'entrées/sorties		3/2				
Rango de frecuencia Frequency range Gamme de fréquences	Band	BI	FM	BIII/DAB	UHF1	UHF2
	MHz	40-70	88-108	160-260	470-694	
Ganancia Gain Gain	dB ± TOL	32 ±1,0	22 ±1,0	32 ±1,0	42 ±2,0	
Regulación de ganancia Adjustable gain range Plage de réglage du gain	dB	20			16	
Test de salida Output test point Sortie test	dB ± TOL	-30 ±0,5				
Nivel de salida Output level Niveau de sortie	dBµV	2 x <b>110</b> DIN 45004B 2 x <b>107</b> (IMD <sub>3</sub> -66 dB) 2 x <b>100</b> (IMD <sub>2</sub> -60 dB)				
Figura de ruido Noise figure Facteur de bruit	dB ± TOL	5 ±1,5			6 ±1,5	
Desacoplo Isolation Découplage	dB	≥13				
Tensión de salida Output voltage	V <sub>DC</sub>	-			24	-
Tensión de salida Output voltage	mA	-			50	-
Tensión de red Mains voltage	V <sub>~</sub>	230 ±10% 50/60 Hz				
Tensión de red Mains voltage	VA	7				
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	-10..+65				
Índice de protección Protection index Indice de protection		IP 20				

