

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 Number of inputs/outputs Nombre d'entrées/sorties		4/2			
Rango de frecuencia Frequency range Gamme de fréquences	Band	BI/FM	BIII/DAB	UHF1	UHF2
	MHz	40-108	160-260	470-694	
Ganancia Gain Gain	dB ± TOL	20 ±1,0	20 ±1,0	30 ±1,0	
Regulación de ganancia Adjustable gain range Plage de réglage du gain	dB	20		16	
Nivel de salida Output level Niveau de sortie	dBμV	2 x 110 DIN 45004B 2 x 107 (IMD ₃ -66 dB) 2 x 100 (IMD ₂ -60 dB)			
Figura de ruido Noise figure Facteur de bruit	dB ± TOL	6,5 ±1,5		5,5 ±1,5	
Desacoplo Isolation Découplage	dB	≥13			
Tensión de salida Output voltage	V _{DC}	-		24	-
Tension de sortie	mA	-		50	-
Tensión de red Mains voltage	V _~	230 ±10% 50/60 Hz			
Tension de secteur	VA	7			
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	-10..+65			
Índice de protección Protection index Indice de protection		IP 20			