904 BROADBAND AMPLIFIERS

AMP TV-SAT, IF-3XUHF-BIII/DAB-BI/FM LTE



Code : **9040128**

Model : **CA-750**

Description

TV-SAT broadband head-end amplifier with several inputs compatible with the transmission of LTE800 mobile telephone signals. They independently amplify the terrestrial TV and satellite IF bands and distribute both bands through the output. It has a voltage switch and 22 KHz tone in order to select the polarity of an individual LNB. The built-in power supply unit can feed up to five preamplifiers and a LNB automatically.

Applications

Designed for medium to large analogue and digital SMATV installations which are affected by the transmission of LTE800 mobile telephone signals. Used as a single piece of equipment to treat all terrestrial and satellite TV signals, greatly simplifying the installation. Adjusted by means of a gain controller for each terrestrial/SAT input and a variable slope control for SAT.

Characteristics

Made from zamak and galvanised plate for maximum shielding. Separate housings for the power supply unit and the high frequency circuit. F-type connectors, located on the lower part to make installation easier.

CÓDIGO-CODE-CODE		9040128					
MODELO-MODEL-MODELE		CA-750					
Número de entradas/salidas Number of inputs/outputs Nombre d'entrées/sorties		6 / 1					
Ganancia Gain Gain	Band	BI/FM	BIII/DAB	UHF1	UHF2	UHF3	SAT
	MHz	47-108	160-254	470-790			950-2150
	Filter			LTE800			
	dB ± TOL	41 ± 2,0		51 ± 2,0			42 ± 2,0
Regulación de ganancia Gain adjustment Réglage de gain	dB	20					
Ecualización fija Fixed equalization Pente fixe	dB	-					5
Margen de ecualización Adjustable equalization range Plage de reglage de pente	dB	-					7
Nivel de salida Output level Niveau de sortie	dBµV	122 DIN 45004B 119 (IMD_3 -60 dB) 112 (IMD_2 -60 dB)					120 (IMD_3 -35 dB) 110 (IMD_2 -60 dB)
Figura de ruido Noise figure Facteur de bruit	dB	10 ± 1,0		9 ± 1,0			10 ± 1,0
Tensión de salida Output voltage Tension de sortie	Vdc	24 Auto					13 / 18
	mA	60					350
	Tone						0/22 KHz
Tensión de red Mains voltage Tension du secteur	Vac	230 ±15% 50/60 Hz					
	W	13					
Temperatura de funcionamiento Operating temperature Température de fonctionnement	ºC	-10..+65					
Índice de protección Protection index Indice de protection		IP 50D					