BROADBAND AMPLIFIERS

EVEREST SAT-UHF-UHF-BIII-BI/FM LTE700



Code : **9040144**

Model : **CA-672**

Description

Broadband amplifier for head-end, with four inputs and different frequency configurations, compatible with the transmission of LTE700 et LTE800 mobile telephone signals. Satellite amplifier for one polarity. Separate power supply. UHF Band preamplifiers can be fed means of a switch. Output test-point to adjust the installation without having to disconnect the TV signal.

Applications

Large-scale digital and analogue SMATV installations which are affected by the transmission of LTE700 et LTE800 mobile telephone signals. Suitable for installations where the channels of each band are received at similar levels. Adjustment by means of switches and regulators which control the gain at each input. Satellite polarity selection by means of switches that select voltage and 22 kHz tone.

Characteristics

Made from zamak and galvanised steel plate to provide maximum shielding. Input and output connectors in the opposite sides to facilitate installation. F-type connectors.

CÓDIGO-CODE-CODE		9040144				
MODELO-MODEL-MODELE		CA-672				
Número de entradas/salidas/test Number of inputs/outputs/test Nombre d´entrées/sorties/test		5 / 1 / 1				
Rango de frecuencia Frequency range Gamme de fréquences	Band	SAT	UHF1	UHF2	BIII/DAB	BI/FM
	MHz	950 - 2150	470 - 694		160-260	47-108
Filtro LTE LTE Filter Filtre LTE			LTE700			
Ganancia Gain Gain	$dB_{\pm TOL}$	43 ± 1,0	45/30 ± 1,0 Switchable		30 ± 1,0	
Regulación de ganancia Gain adjustment Réglage de gain	dB	20	16		20	
Margen de ecualización Adjustable equalization range Plage de réglage de pente	dB	0/8 Switchable				
Nivel de salida Output level Niveau de sortie	dBµV	118,5 (IMD_3 -35 dB) 112,0 (IMD_2 -35 dB)	117 DIN 45004B 114 (IMD_3 -60 dB) 107 (IMD_2 -60 dB)			
Figura de ruido Noise figure Facteur de bruit	dB	7 ±1,0	8 ±1,0		7 ±1,0	
Tensión de salida Output voltage Tension de sortie	Vdc	0 / 13 / 18	24			
	mA	350	60			
	kHz	0 / 22				
Alimentación Power supply Alimentation	Vdc	24				
	mA	700				
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	-10 ... +65				
Índice de protección Protection index Indice de protection		IP 50D				