905 MODULAR AMPLIFICATION EQUIPMENT

AMP UHF ADJACENT G=37DB



Code : **9050040**

Model : **ZP-421**

Description

Monochannel amplifier for the UHF band designed to work with adjacent channels. It has a high selectivity which permits the independent equalisation of each adjacent channel. High gain and output level. The channel should be specified in the order.

Applications

Large, digital and analogue terrestrial MATV installations where adjacent analogue or digital channels exist. The different channels can be treated independently with this module which results in a perfect equalisation of all the received channels.

Characteristics

Specific design for adjacent channels, an optimum compromise between image and sound quality and equalisation capability can be achieved due to the high selectivity of the equipment. Each module consists of 3 input filters, amplifier and 2 output filters all the filters are cavities. There is an attenuator between stages to reduce the noise figure. Supplied with the multiplexing and diplexing bridges and power cable.

CÓDIGO-CODE-CODE		9050062	9050042			9050067	9050040
MODELO-MODEL-MODELE		ZP-201	ZP-601			ZP-401	ZP-421
Sistema de TV TV system Système de TV		FM-R	DVB-T AM TV DAB-T			DVB-T AM TV	
Número de canales Number of channels Nombre de canaux		-	1			1	
Rango de frecuencia Frequency range Gamme de frequénces	Band	FM	BI	BIII/DAB	BS	UHF	
	MHz	87,5-108	42-70	174-231	68-175 230-470	470-862	
Ganancia Gain Gain	dB ±TOL	22 ±3,0	40 ±3,0			40 ±3,0	
Regulación de ganancia Gain adjust Réglage de gain	dB	20					
Reducción de ganancia con desmezcla Gain loss with splitting Réduction du gain avec decouplage	dB	3,0	3,5				
Nivel máximo de salida Maximum output level Niveau maximal de sortie	dBµV	2x100,5 DIN 45004B 2x100,5 (IMD_3 -60 dB)	2x 115,0 DIN 45004K 2x 115,0 (IMD_3 -54 dB) AM TV 2x 110,0 (IMD_3 -35 dB) DVB-T				113,0 DIN 45004K 113,0 (IMD_3 -54 dB) AM TV 108,0 (IMD_3 -35 dB) DVB-T
Selectividad Selectivity Sélectivité	C_n - $C_{n\pm1}$	-	-	-	-	-	14,5
	C_n - $C_{n\pm2}$	-	34	30	28	37	53,5
	C_n - $C_{n\pm3}$	-	50	45	42	60	-
	f_c - f_c± 4 MHz	-	-	-	-	-	7,5
	f_c - f_c±12 MHz	-	30	27	25	36	50,5
Alimentación Power supply Alimentation	V⎓	24	24				24
	mA	35	45				35