905 MODULAR AMPLIFICATION EQUIPMENT

SINGLE CHANNEL ADJACENT AMP. UHF, G=52DB



Code : **9050022**

Model : **ZG-431**

Description

Monochannel amplifier for the UHF band designed to work with adjacent channels. It has a 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

Each module consists of a three-stage input filter, an amplifier and an output filter which is three-stage, the filters are cavities. Filters remain highly stable with variations in temperature. Attenuator using an active MOSMIC regulator reduces the noise figure. 30dB multiturn attenuator. Switch to supply power to preamplifiers with protection against short circuits.

CODE			9050022	
MODEL			ZG-431	
TV system			AM-TV / DVB-T/T2 / ISDB-T	
Connection			F female	
Number of channels			1	
Frecuency range	Band		UHF	
	MHz		470-862	
Gain	dB±TOL		52±3,0	
Adjustable gain range	dB		30	
Maximun outpul level	dBµV		123 DIN 45004K 123 (IMD_3 -54 dB) AM-TV 118 (IMD_3 -35 dB) DVB-T	
Selectivity ①	dB	Cn - Cn±1	20	
②		Cn - Cn±2	65	
④		fc - fc ±4MHz	6	
⑤		fc - fc ±12MHz	60	
Return loss	dB		≥ 10	
Output voltage	V⎓		+24	
	mA		33	
Power supply	V⎓		+24	
	mA		80	
Operating temperature close to equipement	°C		-10..+65	
Room temperature with/without fan	°C		-10..+55/+45	
Protection index			IP 20	
Units per packing			1	40
Packing weigh	Kg		0.51	21.0
Packing dimensions	mm		200 x 80 x 40	375 x 375 x 225