

905 MODULAR AMPLIFICATION EQUIPMENT

AMPLI BI,BIII INTERBANDS, G=52 DB



Code : **9050074**

Model : **ZG-611**

Description

Analogue FM and DAB radio broadband amplifier which amplifies the entire FM or DAB radio band. Amplifies the whole FM or DAB radio band. High gain and output level. The ZG-611 amplifier amplifies the DAB digital radio by groups of channels (which should be specified when ordering). The FM amplifier is also available for OIRT frequencies (when ordering model ZG-611, please specify FM OIRT if required).

Applications

MATV installations that include FM or DAB radio distribution.

Characteristics

This module is compatible with other equipment for TV in the 905- ZG range. It allows distribution of FM and DAB radio and of television signals to be combined using a single piece of equipment. Attenuator by means of active MOSMIC regulator to reduce the noise figure. 30dB multiturn attenuator. Switch to supply power to preamplifiers with protection against short circuits.

CODE		9050074			
MODEL		ZG-611			
TV system			AM-TV / DVB-T		
Connection			F female		
Number of channels			1		
Frequency range	Band		BI	BIII	Interband
	MHz		42-70	174-231	68-175 230-470
Gain	dB±TOL		52±3.0		
Adjustable gain range	dB		30		
Maximum output level	dBµV		2x 123.5 DIN 45004K 2x 123.5 (IMD ₃ -54 dB) AM-TV 2x 118.5 (IMD ₃ -35 dB) DVB-T		
Selectivity	② ③ ⑤ dB	Cn - Cn±2	34	30	28
		Cn - Cn±3	50	45	42
		fc - fc±12MHz	30	27	25
Noise figure	dB		4,5±2,0		
Return loss	dB		≥ 10		
Output voltage	V---		+24		
	mA		33		
Power supply	V---		+24		
	mA		80		
Operating temperature close to equipment	°C		-10..+65		
Room temperature with/without fan	°C		-10..+55/+45		
Protection index			IP 20		
Units per packing			1	40	
Packing weight	Kg		0.51	21.0	
Packing dimensions	mm		200 x 80 x 40	375 x 375 x 225	