

# 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	dB $\mu$ V	2x 123.5 DIN 45004K 2x 123.5 (IMD <sub>3</sub> -54 dB) AM-TV 2x 118.5 (IMD <sub>3</sub> -35 dB) DVB-T			
Selectivity	dB	C <sub>n</sub> - C <sub>n</sub> ±2	34	30	28
		C <sub>n</sub> - C <sub>n</sub> ±3	50	45	42
		f <sub>c</sub> - f <sub>c</sub> ±12MHz	30	27	25
Noise figure	dB	4,5±2,0			
Return loss	dB	≥ 10			
Output voltage	V <sub>---</sub>	+24			
	mA	33			
Power supply	V <sub>---</sub>	+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		