905 MODULAR AMPLIFICATION EQUIPMENT

IF AMPLIFIER, 0/13/18 VDC, 0/22 KHZ



Code : **9050116**

Model : **ZF-712**

Description

IF broadband amplifier for one polarity which amplifies the IF band from an LNB and mixes the terrestrial TV signal coming from the rest of the equipment. It feeds the LNB with the power voltage and 22 KHz signal required to obtain the desired polarity.

Applications

SMATV installations requiring the distribution of one satellite polarity together with the rest of the terrestrial TV channels. The distribution is made in the terrestrial TV band and the satellite IF band. Especially appropriate for bouquets which have all their transponders in a singe polarity.

Characteristics

This module is compatible with the rest of the range of 905-ZG TV equipment. It allows the distribution of the terrestrial TV and satellite signals in a unified form from a single piece of equipment.

CODE		9050116	
MODEL		ZF-712	
TV system		FM-TV/DVB-S	
Connection		F female	
Frecuency range	MHz	950-2150	
Gain	dB±TOL	45±1.0	
Flatness response	dB	± 0.5	
Adjustable gain range	dB	20	
Fixed equalization	dB	10	
Extension input loss	dB	2.0±0.5	
Outpul level	dBµV	123.0 (IMD_3 -35 dB) 115.0 (IMD_2 -35 dB)	
Return loss I/O	dB	>10.0	
Noise figure	dB	7.0±1.0	
LNB power supply	V⎓	+13/0/+18	
	mA	350 max.	
	Tone	0/22 KHz	
Supply	V⎓	+24	
	mA	145 + LNB	
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 weight	Kg	0.50	20.0
Packing dimensions	mm	196 x 76 x 32	385 x 385 x 225