

IFA 400

Equalized amplifier for the 950 to 2300 MHz band. Amplifies the 1st IF SAT signal and mixes it with terrestrial channels.

APPLICATION

Community digital and analogue satellite TV installations where the 1st IF SAT signal has to be distributed.

CHARACTERISTICS

- Metal chassis (zamak), integrating the input/output connectors to give the unit great strength.
- High shielding degree.
- High reliability and screening factor due to its "F" connectors.
- Easy to set-up due to its system of splitting at input and combining at output.



Supply voltage	24 (130 mA) Vdc
Current drawn	65 mA
Operating temperature range	0 ÷ 50° C

MODEL		IFA 400
Reference		39204
Frequencies covered	MHz	950 ÷ 2150
Number of inputs 1 st IF		1 (950 ÷ 2150 MHz)
Number of inputs RF		1 (5 ÷ 862 MHz)
Gain (1 st IF)	dB	40 (950 MHz) 48 (2150 MHz)
Noise figure	dB	7
RF signal rejection (1 st IF input)	dB	40 (5 ÷ 862 MHz)
Through losses RF	dB	1,5 (5 ÷ 862 MHz)
Gain adjustment	dB	20 (950 ÷ 2150 MHz)
Output level @2150 MHz	dB μ V	125 (DIN 45004B, DIM -35 dBc) 113 (30 transponders, DIM -35 dBc)
Return losses	dB	9
Voltage to LNB		13 Vdc / 300 mA
Packing dimensions	mm	195 x 70 x 32
Weight	Kg	0,35