

Power amplifier

Amplification of the signal generated by a headend of HTI modules.



Multi-channel output signal



Gain adjustment



Extension input

Main features

- Amplification of RF signals of HTI headends.
- Variable attenuation is shared on two interstage sections, featuring delayed behaviour on the first one. Maintenance of a low noise figure.
- Extension input allows coupling of the wideband signal provided by another existing headend.

MODEL		HTA-125	
REF.		3868	
Bandwidth		MHz	47 - 862
Gain		dB	45
Interstage variable attenuator		dB	0 - 20
Noise figure		dB	≤ 6
Output level (IMD3 -60dB, DIN 45004B)		dB	≥ 125
Output level (IMD2 -60dB, EN 50083-3)		dBμV	≥ 120
Input test		dBμV	-20 ±1.5
Output test		dB	-30 ±1
Extension input	Bandwidth	MHz	47 - 862
	Gain	dB	6
Supply voltage		VDC	+24
Consumption		mA	450
Operating temperature		°C	-10... +55
RF and Test connectors			Female F
Dimensions		mm	230 x 195 x 32

Application example

