

▶ APARTMENT AMPLIFIERS

«ATP-300» — One-way, 862 MHz Amplifiers - F Connectors

CE

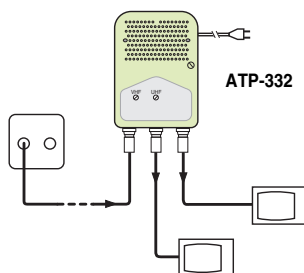
- 1 RF input — 2 RF outputs.
- Gain adjustment potentiometers.
- In ATP-332 model, two separate amplification paths for VHF and UHF signals, with adjustment potentiometer on each one (interstage position in UHF amplification for maintenance of low noise figure).
- In ATP-322 and ATP-302 models, sloped frequency response.
- Mains powered, 50/60 Hz. Electrical safety protection level: Class II. Mains lead with bipolar plug.
- External plastic box, dimensions: 125x85x55 mm. F type connection. Earthing terminal. Wall-fixing.



ATP-332

Model		ATP-332	ATP-322	ATP-302
Reference		3509	3489	3488
Frequency range	MHz	40 - 318 and 470 - 862	47 - 862	47 - 862
No. of RF outputs		2 ¹ (symmetrical)	2 ¹ (symmetrical)	2 (asymmetrical)
Gain	dB	14 (VHF) ,, 24 (UHF)	15 ... 21 (fixed slope: 6 dB)	18 ... 24 and 7 ... 13 (fixed slope: 6 dB)
Gain adjustment	dB	-16 (VHF) ,, -12 (UHF)	-10 (VHF/UHF)	-10 (VHF/UHF)
Noise figure	dB	4.5 (VHF) ,, 5.5 (UHF)	4.5 (VHF) ,, 5.5 (UHF)	4.5 (VHF) ,, 5.5 (UHF)
RF output level ²	dBμV	(2x) 105	(2x) 108	111 and 100
Mains supply voltage	V _{AC}	230 - 240	230 - 240	230 - 240
Consumption	W	2.3	2.5	2.5

Application example



Notes

¹ If only one of the two outputs is being used, the spare port must be terminated with a CTF-175 (Ref. 1519) 75Ω terminator.

² IMD3= -60 dB (DIN 45004B). The indicated level refers to the amplification of 2 analogue TV channels. If more than 2 channels are used, apply Reduction Table.

Block Diagrams (RF section only)

