

# HPA125

REF. 4427

# HPA025

REF. 4428

# HPA120

REF. 4426



- Amplifiers for ClassA modules.
- Amplification of the combined multichannel signal in a ClassA assembly.
- Variable attenuation is shared on two interstage sections, featuring delayed behaviour on the first one for a low noise figure.
- Extension input allows coupling of the wideband signal provided by another existing headend (except in HPA-025).
- Each module is packed with a DC plug bridge, 53 mm length, for connection of +12 V<sub>DC</sub> voltage.

		HPA-125	HPA-025	HPA-120
Technology			Push-Pull	
Bandwidth	MHz		47 – 862	
Gain	dB	45	23	47
Interstage variable attenuator	dB	0 – 20	0 – 7	0 – 20
Noise figure	dB		≤ 6	
Output level IMD3 -60 dB (DIN 45004B)	dB $\mu$ V		≥ 125*	≥ 120*
Output level IMD2 -60 dB (EN 50083-3)	dB $\mu$ V		≥ 120	≥ 115
Output level CTB -60 dB (42 ch., EN)	dB $\mu$ V		≥ 111	≥ 105
Output level CSO -60 dB (42 ch., EN)	dB $\mu$ V		≥ 115	≥ 108
Input test	dB		-20 ± 1,5	
Ouput test	dB		-30 ± 1	
Extension Input	Bandwidth	MHz	47 – 862	47 – 862
	Gain	dB	6	6
Supply Voltage	V <sub>DC</sub>		+12	
Consumption	mA		830	600
RF and Test connector type			female F	
DC connector type			banana plug	
Dimensions	mm		230 x 195 x 32	

\* The indicated level refers to amplification of 2 analogue TV channels. If more than 2 channels (included those fed into the extension input) are amplified, apply Reduction Table.

