House amplifiers

Medium power broadband amplifiers



- integrated LTE signal suppression filter
- built-in adjustable gain & slope regulators
- input and output bi-directional test points
- die-cast housing

Technical specifications

T Y P E	HA131L	HA131T
Ordering number	02575	02585
Frequency range	88 - 790 MHz	88 - 694 MHz
Gain	36 dB	
Flatness	± 0.7 dB	
Gain adjustment	20 dB	
Slope adjustment	20 dB	
Maximal output level IMD3=60 dB (DIN45004B)	122 dBµV	
Output level CTB (EN50083-3)	106 dBµV	
Output level CSO (EN50083-3)	101 dBµV	
Input and output return loss	≥ 14 dB at 40 MHz; -1.5 dB/oct., but not less 10 dB	
Noise figure	7 dB	
Test points	input - 20 dB, output - 30 dB	
Power consumption	230 V~ 50/60 Hz 6.5 W	
Operating temperature range	-20° ÷ +50° C	
Dimensions/Weight (packed)	135x164x52 mm/0.7 kg	