House amplifiers
Medium power amplifiers

- built-in adjustable gain & slope regulators
- switchable forward path gain
- switchable passive or active return path
- input attenuator for active return path
- die-cast housing

HA127
without return path
HA127R30
active return path 30 MHz
HA127R65
active return path 65 MHz



Technical specifications

T Y P E	HA127	HA127R30	HA127R65
Ordering number	10525	10526	10527
Forward path			
Frequency range	47- 862 MHz		87- 862 MHz
Gain, switchable*	24-27/32-36 dB (fixed slope pre-correction)		
Gain adjustment	18 dB		
Slope adjustment	18 dB		
Flatness*	±0.5 dB	±0.75 dB	
Input and output return loss	≥ 14 dB at 40 MHz; -1.5 dB/oct., but not less 10 dB		
Output level CTB, CSO (EN50083-3)	101 dBμV		
Noise figure	7 dB		
Return path			
Frequency range	-	5 - 30 MHz	5-65 MHz
Gain, switchable	-	21-24 dB (fixed slope pre-correction)/-3 dB (passive)	
Gain adjustment	-	18 dB	
Input attenuator	-	-10/0 dB	
Flatness	-	±0.75 dB	
Return loss	-	> 14 dB	
Noise figure	-	6 dB (active)	
Maximal output level IMD3=60 dB (DIN45004B)	-	114 dBμV (active)	
General			
Power consumption	230 V~ 50/60 Hz 5 W	230 V~ 50/60 Hz 7.5 W	
Operating temperature range	-20° ÷ +50° C		
Dimensions/Weight (packed)	185x91x47 mm/ 0.8 kg		

* for amplifiers with return path measured 10 MHz after the starting frequency of forward path

