



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

