



House amplifiers Medium power amplifiers

CABRIOLINE

- built-in adjustable gain & slope regulators
- die-cast housing inside plastic case
- interstage switchable forward path gain allowing to reduce gain without affect noise figure of the amplifier



Technical specifications

T Y P E	HA129	HA129R30	HA129R65
Ordering number	10589	10590	10591
Forward path			
Frequency range	47- 862 MHz		87- 862 MHz
Gain, switchable*	24-27/32-36 dB (fixed slope pre-correction)		
Gain adjustment	17 dB		
Slope adjustment	17 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)	100 dB μ V		
Test point attenuation	- 30 dB bi-directional		
Noise figure	8.5 dB		
Return path			
Frequency range	-	5 - 30 MHz	5-65 MHz
Gain	-	18-21 dB (fixed slope pre-correction)	
Gain adjustment	-	15 dB	
Flatness	-	±0.75 dB	
Return loss	-	> 14 dB	
Noise figure	-	6 dB	
Maximal output level IMD3=60 dB (DIN45004B)	-	114 dB μ V	
General			
Power consumption	230 V~ 50 Hz 2.5 W		230 V~ 50 Hz 3 W
Operating temperature range	-20° ÷ +50° C		
Dimensions/Weight (packed)	133x63x39 mm/ 0.26 kg		

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

