



House amplifiers Medium power amplifiers

- built-in adjustable gain & slope regulators
- output test point and screw terminal for equipotential bonding
- metal-plastic housing for indoor mounting

HA126
high gain - 34 dB

HA126R30, HA126R65
passive return path 30 MHz and 65 MHz



Technical specifications

T Y P E		HA126	HA126R30	HA126R65
Ordering number		10539	10540	10541
Frequency range	forward path	47- 862 MHz		87- 862 MHz
	return path	-	5-30 MHz	5-65 MHz
Gain			34 dB	
Flatness*		± 0.5 dB	± 0.7 dB	
Gain adjustment			20 dB	
Slope adjustment, typical			18 dB	
Maximal output level IMD3=60 dB (DIN45004B)			117 dB μ V	
Output level CTB, CSO (EN60728-3)			101 dB μ V	
Input and output return loss		≥ 14 dB at 40 MHz; -1.5 dB/oct., but not less 10 dB		
Noise figure			< 6 dB	
Test point			- 30 dB	
Power consumption			230 V~ 50/60 Hz 3.5 W	
Operating temperature range			-20° ÷ +50° C	
Dimensions/Weight (packed)			107x148x53 mm/0.6 kg	

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

- built-in adjustable gain & slope regulators
- input and output bi-directional test points
- die-cast housing



Technical specifications

T Y P E		HA131
Ordering number		02572
Frequency range		47- 862 MHz
Gain		36 dB
Flatness		± 0.7 dB
Gain adjustment		20 dB
Slope adjustment		20 dB
Maximal output level IMD3=60 dB (DIN45004B)		122 dB μ V
Output level CTB (EN60728-3)		106 dB μ V
Output level CSO (EN60728-3)		101 dB μ V
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