



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

HA123

medium gain - 28 dB

HA123R30, HA123R65

passive return path 30 MHz and 65 MHz

HA126

high gain - 34 dB

HA126R30, HA126R65

passive return path 30 MHz and 65 MHz



Technical specifications

T Y P E		HA123	HA123R30	HA123R65	HA126	HA126R30	HA126R65
Ordering number		01559	01566	01597	10539	10540	10541
Frequency range	forward path	47- 862 MHz		87- 862 MHz	47- 862 MHz		87- 862 MHz
	return path	-	5-30 MHz	5-65 MHz	-	5-30 MHz	5-65 MHz
Gain		28 dB			34 dB		
Flatness*		± 0.5 dB	± 0.7 dB		± 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			7 dB		
Test point		- 30 dB					
Power consumption		230 V~ 50/60 Hz 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

