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

TYPE		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 dBμV					
Output level CTB, CSO (EN50083-3)		101 dBμV					
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

TYPE	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 dBμV
Output level CTB (EN50083-3)	106 dBμV
Output level CSO (EN50083-3)	101 dBμV
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