



House amplifiers

Medium power amplifiers

- 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

CABRIO LINE
HA024

without return path

HA024R30

passive return path 30 MHz

HA024R65

passive return path 65 MHz



Technical specifications			
T Y P E	HA024	HA024R30	HA024R65
Ordering number	02520	02521	02522
Forward path			
Frequency range	47- 862 MHz		87- 862 MHz
Gain, switchable*	18-20/27-30 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)	97 dBμV		
Test point	- 30 dB bi-directional		
Noise figure	8.5 dB		
Return path			
Frequency range	-	5 - 30 MHz	5-65 MHz
Gain	-	-1.5 dB	-2.5 dB
Return loss	-	> 14 dB	
General			
Power consumption	230 V~ 50/60 Hz 3.5 W		
Operating temperature range	-20° ÷ +50° C		
Dimensions/Weight (packed)	133x63x39 mm/0.36 kg		

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

