



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

CABRIOLINE

- 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 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

