

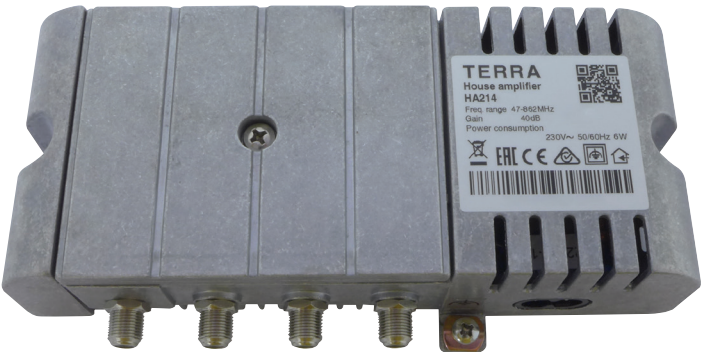
TERRA Amplifier 40dB Forward
Gain 47-862MHz
14MM-HA214



The HA214 is a 40dB forward gain locally powered distribution amplifier that can be set to either 27dB or -5dB gain with up to 18dB of adjustment. In addition, the HA214 features an interstage discrete attenuator and equaliser for optimum signal control.

Features and Benefits

- » Frequency range 47 to 862MHz with 40dB gain
- » Interstage attenuator, slope pre-correction and adjustable gain and slope regulators
- » Output level CTB, CSO (EN60728-3)* 109 dBµV (42 Ch.)
- » 18dB adjustment for both gain and slope
- » Operating temperature range 20 ÷ +50°C



Specifications

Forward path	
Frequency range	47-862 MHz
Gain	40 dB
Gain adjustment	18 dB
Slope adjustment	18 dB
Interstage attenuator	-10/-5/0 dB
Interstage equalizer	-10/-5/0 dB
Flatness	±1 dB
Input and output return loss	≥ 14 dB at 40 MHz; -1.5 dB/oct., but not less 10 dB
Output level CTB, CSO (EN60728-3)	109 dBµV
Noise figure	6 dB
Test points	-20 dB
General	
Power consumption	230 V~ 50/60 Hz 6 W
Operating temperature range	-20° ÷ +50°C
Dimensions/Weight (packed)	185x91x47 mm/0.7 kg