

Amplifier 41dB Forward Gain 47-862MHz

- No Return Path

14MM-BA214

The BA214 is a 41dB gain locally powered distribution amplifier with a waterproof and RF-screened die-cast housing. The BA214 is perfect for use in harsh environments such as pedestals and other types of outdoor enclosures.

Features and Benefits

- » Downstream frequency range 47 to 862MHz with 41dB Gain
- » GaAs push-pull output stage
- » Interstage attenuator, slope pre-correction and adjustable gain & slope regulators
- » Output level CTB, CSO (EN60728-3)* 115 dBμV (42 ch.)
- » 18dB adjustment for both gain and slope
- » Operating temperature range 20 ÷ +50°C

* measured with 6dB interstage equalizer

14MM-BA214 Specifications

Frequency range	47-862MHz
Gain	41dB
Flatness	±0.5dB
Gain adjustment	18dB
Slope adjustment	18dB
Interstage attenuator	0/3/6/9dB
Interstage equalizer	0/3/6/9dB
Output level CTB, CSO (EN60728-3)*	115dBμV (42 ch.)
Input and output return loss	≥ 18dB at 40MHz - 1.5dB/octave
Noise figure	<5dB
Test point	-30dB
Power consumption	230V- 50/60Hz 13W
Operating temperature range	-20° ÷ +50°C
Dimensions	180x132x76mm (main body); 213x132x76mm (with fixing ears)
Weight (packed)	1.4kg

