

**Ultra Wide Band Line Amplifier for  
AM, FM, HD Radio,  
Over- the- Air TV, TV,  
and Satellite Radio**

**Model: MBA-12**



As opposed to standard line amps, this unit has been specially designed to amplify signals from the bottom of the AM broadcast band (500 kHz) to beyond the top of the satellite radio band (2.4 GHz). With such a wide pass-band it is very useful for overcoming splitter and cable losses in whole-house and commercial RF coaxial cable distribution networks for signals used in all types of entertainment systems.

It is also designed to pass DC from its input port to its output port.

It can be used in tandem with Model MBS-4 ultra-wide-band splitter to implement lossless splitters.

Frequency Range: 500 KHz - 2.4 GHz  
Typical Gain: 12 dB  
Operating Voltage: 5-12 VDC  
Current Consumption: 50 ma @ 5 VDC, 95 ma @ 12 VDC  
Max Noise Figure: 3.5 dB  
Max Output (Satellite Radio Band): 10 dBm  
Max Output (AM/FM, UHF TV Bands): 5 dBm  
DC power passing in both directions