

Mipro Products

Antenna Systems (Antenna Combiner)

AD-808 UHF Four Channel Active Antenna Combiner



Introduction

AD-808 is a half-rack size, 4-input, 1-output professional active antenna combiner. It operates between 600MHz~900MHz band and connects four MIPRO MI-808T In-ear monitoring transmitters to greatly improve RF performance and reduces chances for signal dropouts.

Features

- 600~900MHz wideband.
- Up to four wireless transmitters can be combined into one transmitting antenna.
- Input Signal Indicator Threshold when input signal $> +6\text{dBm}$.
- Maximum RF input power $+20\text{dBm}$ efficiency (100mW).
- Ideal intermodulation characteristic (full band performance $+15\text{dBm}$ two-tone test, 3rd order IM $< -57\text{dBc}$).

Specifications

Frequency Range	620~900MHz
Full System Gain	$0 \pm 2\text{dB}$
VSWR Input / Output	$< 1.5:1$
Maximum RF Input Power	$+20\text{dBm}$
Input Signal Indicator Threshold	$+6\text{dBm}$
Power Consumption	9.12W (12V, 760mA)
Input / Output Connectors	TNC female (4-input, 1-output)
Dimensions	210(W)x44(H)x206(D)mm / 8.3(W)x1.7(H)x8.1(D)"