



AD-708 UHF 4-channel Auto Gain-Control Antenna Divider



The AD-708 is compatible with Mipro's Series 7 wide-band systems or any other true diversity receivers that operate within its frequency range of 470 to 850MHz. Four UHF diversity receivers can be operated from just a pair of antennas, greatly reducing antenna installation clutter and increasing receiving range, signal integrity and efficiency.

MIPRO's AD-708 integrates an innovative Auto Gain-Control System that automatically detects, controls and precisely compensates for signal loss of antenna cables when used with the MPB-30 gain-controllable antenna booster. The AD-708 solves complex antenna system installation issues, optimizes signal reception and system performance without worrying about calculating signal-loss of antennas, cables, and the specifications of boosters.

The AD-708 also features a buffered aux in and out for linking additional dividers in multi channel systems without compromising signal integrity. The AD-708 utilizes wide dynamic range and low noise components, advanced circuit design featuring very low inter-modulation distortion and greatly reduces spurious interference in multiple channel applications.

Specifications

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|-----------------------|--|
| Antenna Splitter | 2 sets of 1-to-4 active divider output, 2 sets of 1-to-1 active divider output |
| Frequency Range | 470~850MHz |
| IIP3 | +32dBm |
| Input/Output/RF Gain | +1.0dB (center band) |
| Output Port Isolation | >18dB at 400~1000MHz |
| Filter Selection | Low sideband \geq 35dB, High sideband \geq 30dB |
| Impedance | 50 Ω |
| Connector | TNC female |
| Antenna Power Supply | Antenna A/B input port supplies bias 8.3V DC, 230mA max. to the booster |
| Power Supply | 12~15V DC |
| Current Consumption | Approx. 242mA at 12V DC |
| Dimensions | 420(W)x44(H)x180(D)mm / 16.5(W)x1.7(H)x7.1(D)" |
| Weight | Approx. 1.5kg / 3.3lbs |

