



NEW Product Release

HIGH PERFORMANCE

HF RECEIVING SYSTEMS & COMPONENTS

www.hizantennas.com

OUR GOAL - Innovating and Improving the Science of Receiving Systems.

New product announcement.

Modernizing the construction and Performance Of the Hi-Z High Impedance Amplifier

Hi-Z Antennas™ HIZ-AMP-V2

Extremely Stable Gain and Phase Accuracy

The Very Heart of High Impedance Arrays



The front view size is 2 1/4 X 4 1/2 inches including mounting ears and input and output connectors. Depth is 1 3/8 inches

This is the perfect NEW VERSION Hi-Z amp for New or Older HI-Z arrays. This version is the old style lower gain version designed to upgrade any array using the old style amps in the black enclosure or any YCCC High Impedance Array. These amps will work very well with the 2, 3, 4, and 4-8Pro Hi-Z Arrays and the YCCC arrays. For those that need Extra gain there is a Plus version HIZ-AMP-PLUS-V2

HIZ-HIZAMP-V2



Specifications:

- Designed to amplify signals for shortened Vertical antennas used in receiving arrays
- Features an output impedance of 75 ohms with -6 dB gain into 75 ohms
- Features common mode protection in the output connection
- Features power supplied over the same coax connector that carries the output signal
- Features an input impedance of parallel 55KOhms and approx. 10pf
- Features Gas Discharge Tube Antenna input protection in addition to diode limiters
- Features a small water-resistant gasket sealed enclosure
- Features an RF useful bandwidth of 30 MHz
- Features modern surface mount technology for all components
- Features New highly linear FET technology components for maximum performance
- Features typical Ham shack operating voltage of +13.8 VDC (11 to 14 VDC) at 40 ma.
- Features MOV power supply overvoltage protection
- Features an output port Diode transient protection components
- Features New enhanced gain and amplitude stability over a wide temperature range
- Features 2nd and 3rd order IMD 10 dB better than the old style Hi-Z Amp

More information is available soon at

www.hizantennas.com or e-mail contact@hizantennas.com

As always Hi-Z products are only available through DX Engineering At
www.dxengineering.com

Hi-Z Service Department

We do maintain a service area where we try to provide very rapid turn around of repairs. Typically we can return repaired equipment within a few business days. Our GOAL is to keep your array uptime maximized. All repairs are returned as designed and thoroughly tested to meet our advanced internal specifications. Email: contact@hizantennas.com

Hi-Z Receiving Array Discussion Reflector – Is Live

You can read the archives here at:

http://mail.hizantennas.com/pipermail/hi-zreceivingarraydiscussions_hizantennas.com/

The E-mail address to send a message to the reflector is:

hi-zreceivingarraydiscussions@hizantennas.com (you must join the group first)

The web page address to join the group is:

http://mail.hizantennas.com/mailman/listinfo/hi-zreceivingarraydiscussions_hizantennas.com

We continue to look for new product ideas and where best to get product ideas, our customers! Please let us know if you have any product needs or new product ideas. Thank you to those that have shared their ideas with us.

Any questions or inquiries please e-mail us at contact@hizantennas.com .

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