



HIGH PERFORMANCE HF RECEIVING SYSTEMS & COMPONENTS

Hi-Z Antennas has 10+ years of continuous engineering and design experience in the pursuit of perfection. This is unparalleled expertise. Innovation by design.

Hi-Z 2 Series Array Systems

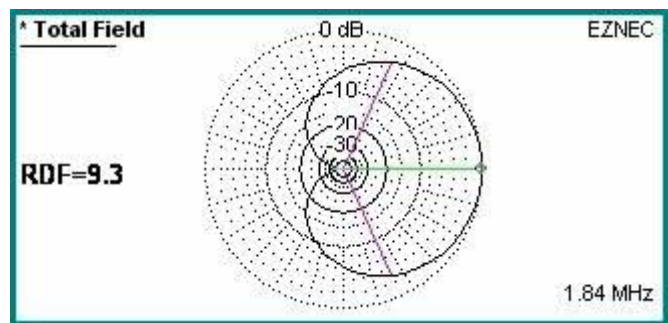
Models:

Hi-Z 2 2 element, 2 direction system \$349.00

Hi-Z 2-3 3 element, 4 direction system \$399.00



Hi-Z 2 Shack Switch



Hi-Z 2 Pattern

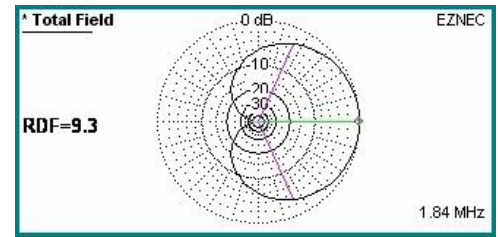
Specifications:

- Maximum RDF 9.1db
- Directions 2 (Hi-2) or 4 (Hi-Z 2-3) 2-3 requires one more Hi-Z Amp
- Hi-Z 2 requires two verticals and is upgradeable to four directions – Hi-Z 2-4 (add one more vertical)
- Standard Hi-Z 2 system comes with a 4 direction shack switch, for ease in later upgrade to 4 direction Hi-Z 2-4
- Power Requirements 13.8 VDC, 4 conductor control cable (+13.8, GND, CTRL1, CTRL2)
- **Delay cable can be ordered for either 40 or 50 foot element spacing**

Benefits:

- Best possible RDF in the tightest site location
- Flexible and upgrade, start with 2 directions and migrate to 4 directions
- Designed and engineered to Hi-Z Antennas exacting criteria
- High RF field survivability – Running QRO in close proximity to the Hi-Z 4 is no problem (no sequencing)
- Ideally suited for that city lot location or other such tight requirements
- Excellent IMD properties, performs in chaotic high RF areas under contesting conditions

Hi-Z 3 Triangular Array System



Price, \$599.00

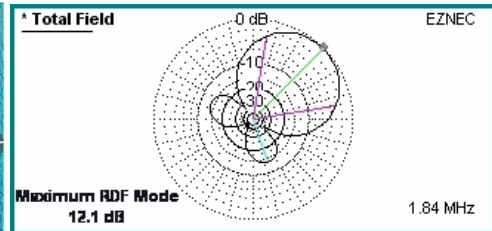
Specifications

- RDF Up to 9.3 dB.
- Covers 160, 80, 40 meters
- 6 selectable directions

Benefits

- Best performing 3 element RX phased vertical array in the smallest foot print (50 feet / side)
- Scalable – can be configured for best RDF or best F/B ratio by the customer
- High RF field survivability – Running QRO in close proximity to the Hi-Z 3 is no problem (no sequencing)
- Excellent IMD properties, performs in chaotic high RF areas under contesting conditions

Hi-Z 4 Four Element Phased Array System **



Price, \$675.00.

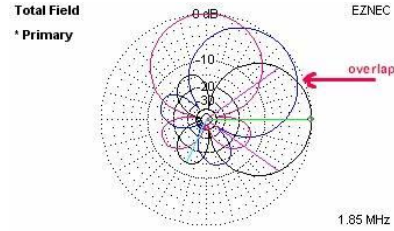
Specifications

- RDF Up to 12.1 dB.
- Covers 160, 80, 40 meters
- 4 selectable directions

Benefits

- Best performing 4 element RX phased vertical array in the smallest foot print (80 feet square, typical)
 - Scalable – can be configured for best RDF or best F/B ratio by the customer
 - High RF field survivability – Running QRO in close proximity to the Hi-Z 4 is no problem (no sequencing)
 - State of the art design and upgradeable to Hi-Z 4-8PRO (convert Hi-Z 4 into tri-band 8 element circle array)
 - Excellent IMD properties, performs in chaotic high RF areas under contesting conditions
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Hi-Z 4-8PRO / UP 8 Element Circle Array System



Introductory price is \$1049.00.

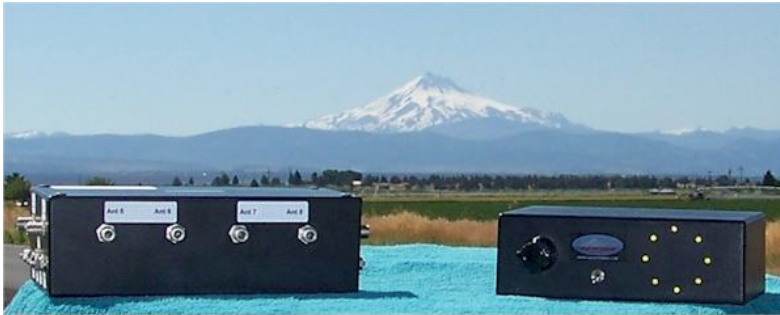
Specifications

- RDF Up to 12.1 dB.
- Covers 160, 80, 40 meters
- 8 selectable directions

Benefits

- Best performing 8 element RX phased vertical array in the smallest foot print (113 feet dia. circle)
- High RF field survivability – Running QRO in close proximity to the Hi-Z 4 is no problem (no sequencing)
- State of the art design = yielding the least attenuation at all 8 overlap points, see our website
- Excellent IMD properties, performs in chaotic high RF areas under contesting conditions
- Upgrade Hi-Z 4 to Hi-Z 4-8PRO UP (upgrade) – complete set of components to convert your Hi-Z 4 to Hi-Z 4-8PRO

Hi-Z 8 Element Series of Circular Array Systems**

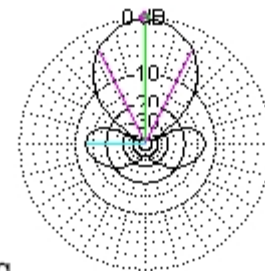


^ Total Field

RDF 13.45

F/B 30+ dB

BW 52.3 Deg



EZNEC

1.84 MHz

Price, \$1225.00.

Specifications

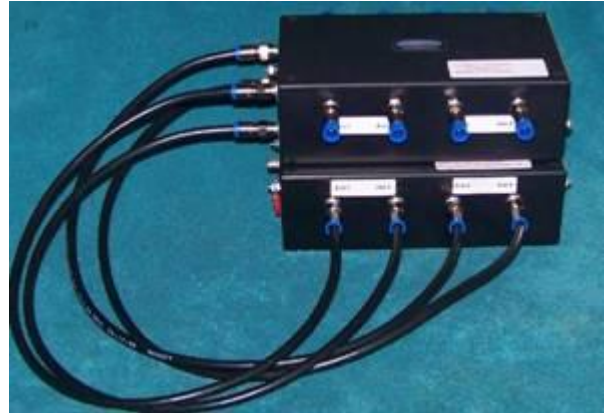
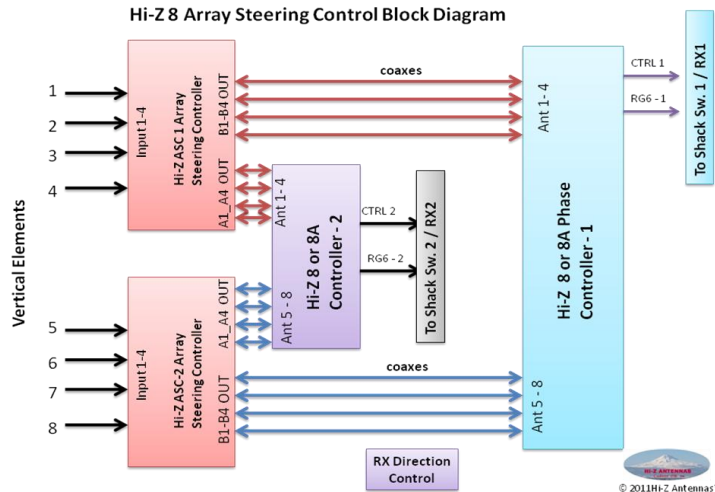
- RDF Up to 13.5 dB
- Covers 160 or 80 meters
- **8 crisp** selectable directions every 45 degrees with 52 degree azimuth view per direction for complete coverage

Benefits

- This is the BEST and ONLY commercially available SUPER DIRECTIVE ARRAY – just ask our customers
- Best performing 8 element circle array in 200 foot dia. circle, fits in 1 acre, not acres
- High RF field survivability – Running QRO in close proximity to the Hi-Z 8 is no problem (no sequencing)
- State of the art design – future enhancements are in the product roadmap
- Excellent IMD properties, performs in chaotic high RF areas under contesting conditions

Hi-Z Array Steering Controller (ASC)

Models ASC4 and ASC8



The ASC sub-system was designed to take full advantage of an existing 4 or 8 element system installation. The Hi-Z design is scalable. With the addition of the ASC4 (4 element) or the ASC8 (8 element) system and an additional phase controller and shack switch (Hi-Z 4, Hi-Z 4-8PRO, Hi-Z 8) your station can feed a second receiver concurrently with full independent direction control (Hi-Z 8 or 8A) and with our multi-band systems achieve full and independent direction and band control (Hi-Z 4, Hi-Z 4-8PRO). Consult with Hi-Z for specific application details and total system pricing.

**Hi-Z Antennas™ offers a 30 Day Money Back Guarantee! 30 days after receipt of product,
NO WORRIES!**

For further information please contact us at the following:

Hi-Z Antenna Website URL - <http://www.hizantennas.com/> E-mail Address – contact@hizantennas.com

Mailing Address – Hi-Z Antennas, 8125 S.W. Larch Drive, Culver OR 97734 USA 541.543.9921

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