

Standard Hi-Z Antennas™ 8 Element Array Systems (200' & 350') – System Layout Diagram

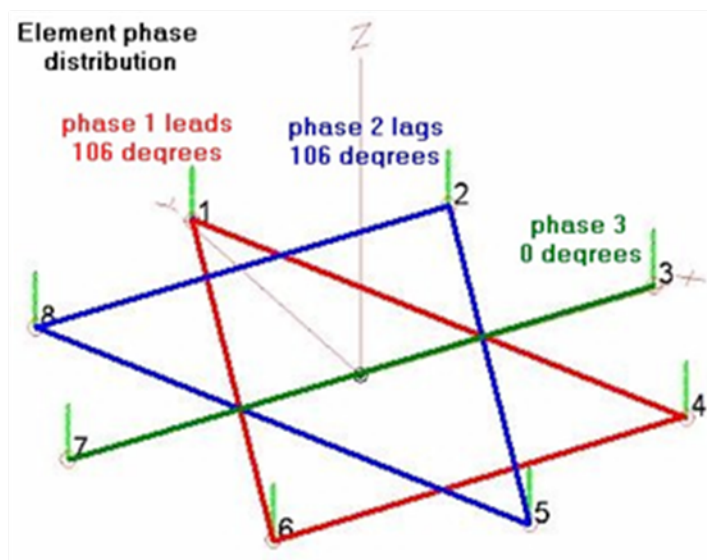
>>These Are The Most Innovative Hi-Z Designs To Date <<

This preliminary document provides general layout information for Our 8 Element Receiving Systems. These are 160 meter designs.

Models:

Hi-Z 8 Element-200 The smallest foot print-optimized performance

Hi-Z 8 Element-350 Wide spaced-classic high performance circular array



Use Our Hi-Z Verticals
SD-19, HD-19, AL-18, AL-23
www.hizantennas.com/hiz_verticals.htm

www.hizantennas.com



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13.8 VDC

Hi-Z 8 Element Layout

Shack Switch

RG-6 Coax

Control Cable
5-control, 1-power

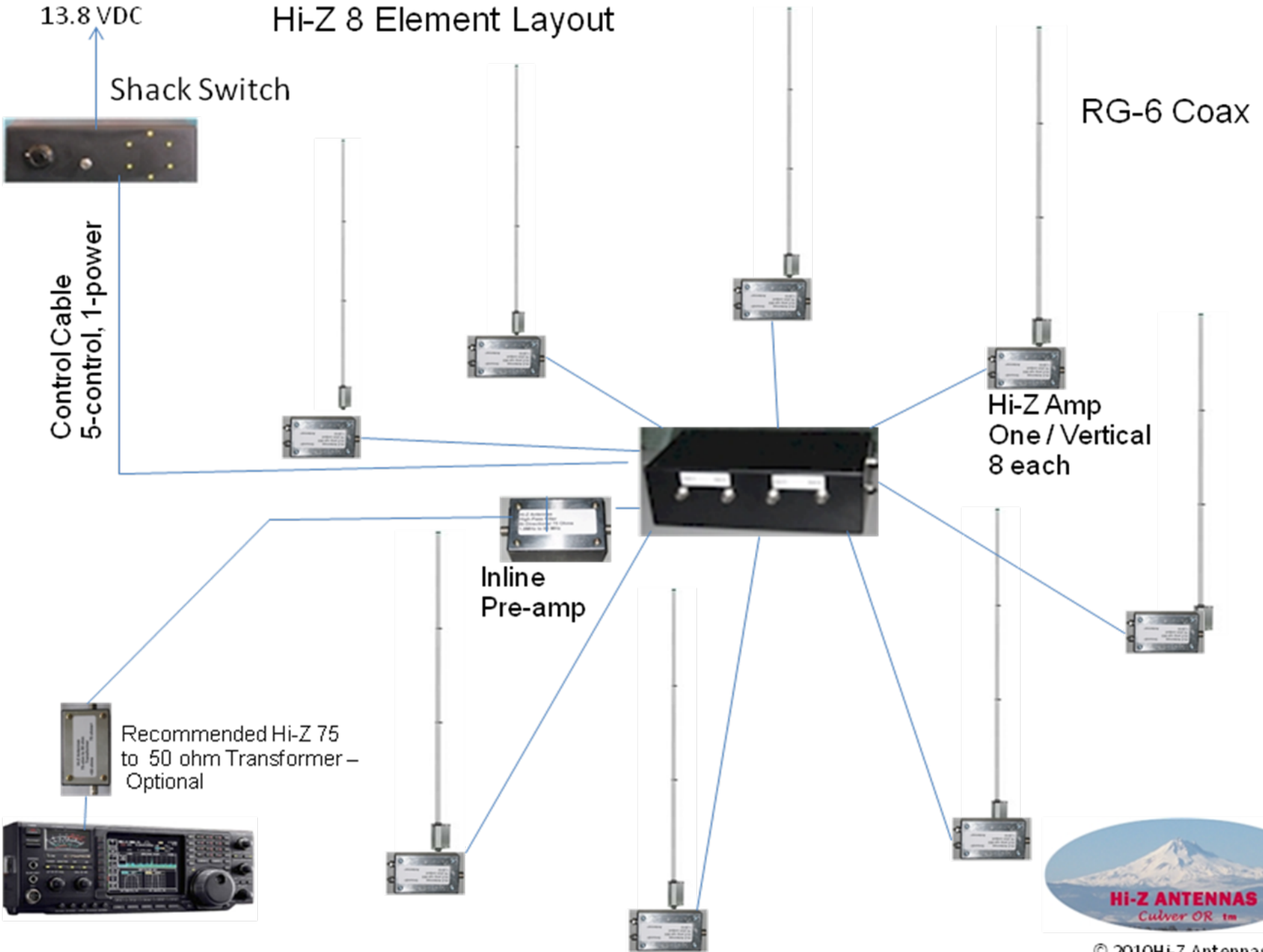
Hi-Z Amp
One / Vertical
8 each

Inline
Pre-amp

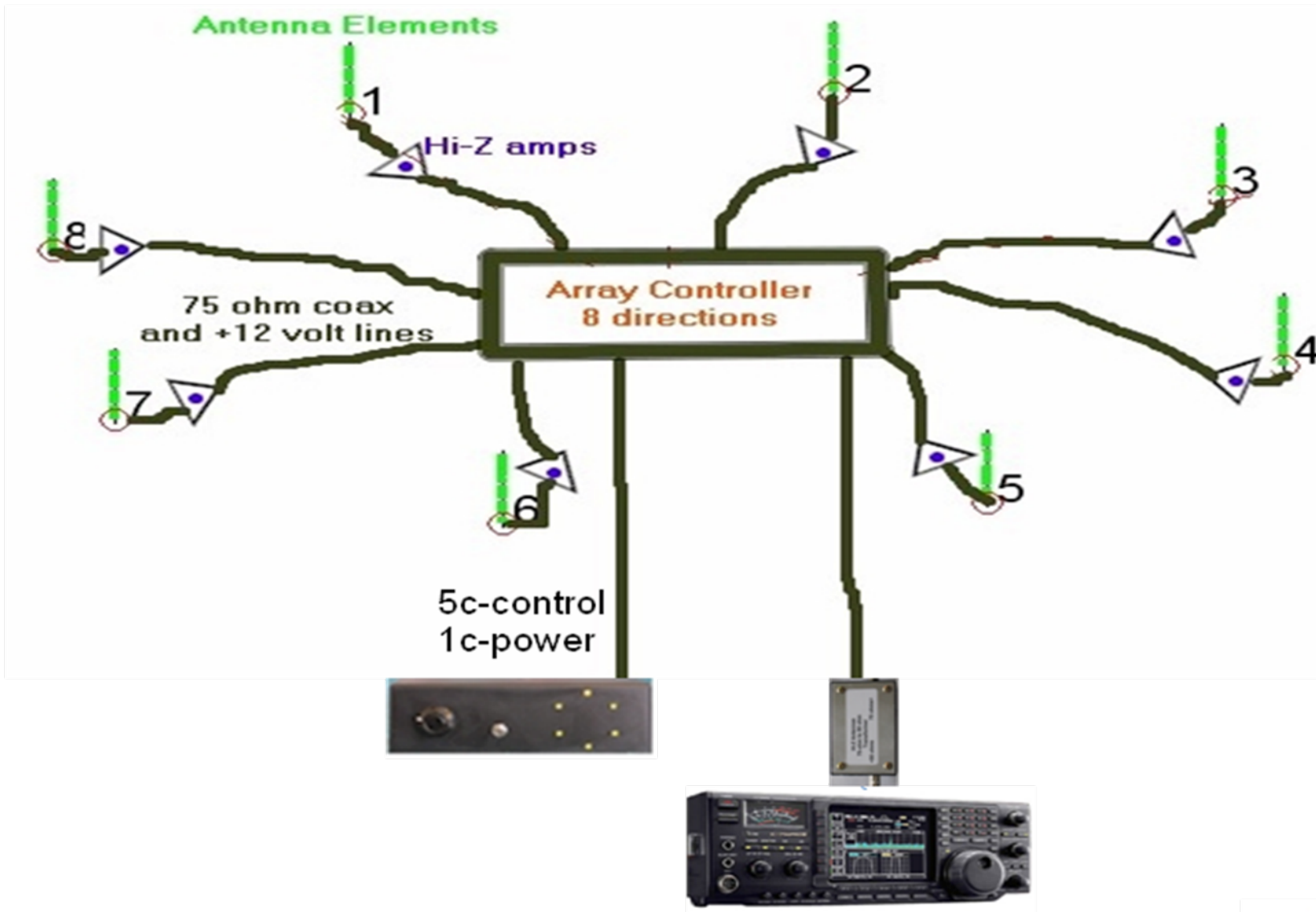
Recommended Hi-Z 75
to 50 ohm Transformer –
Optional



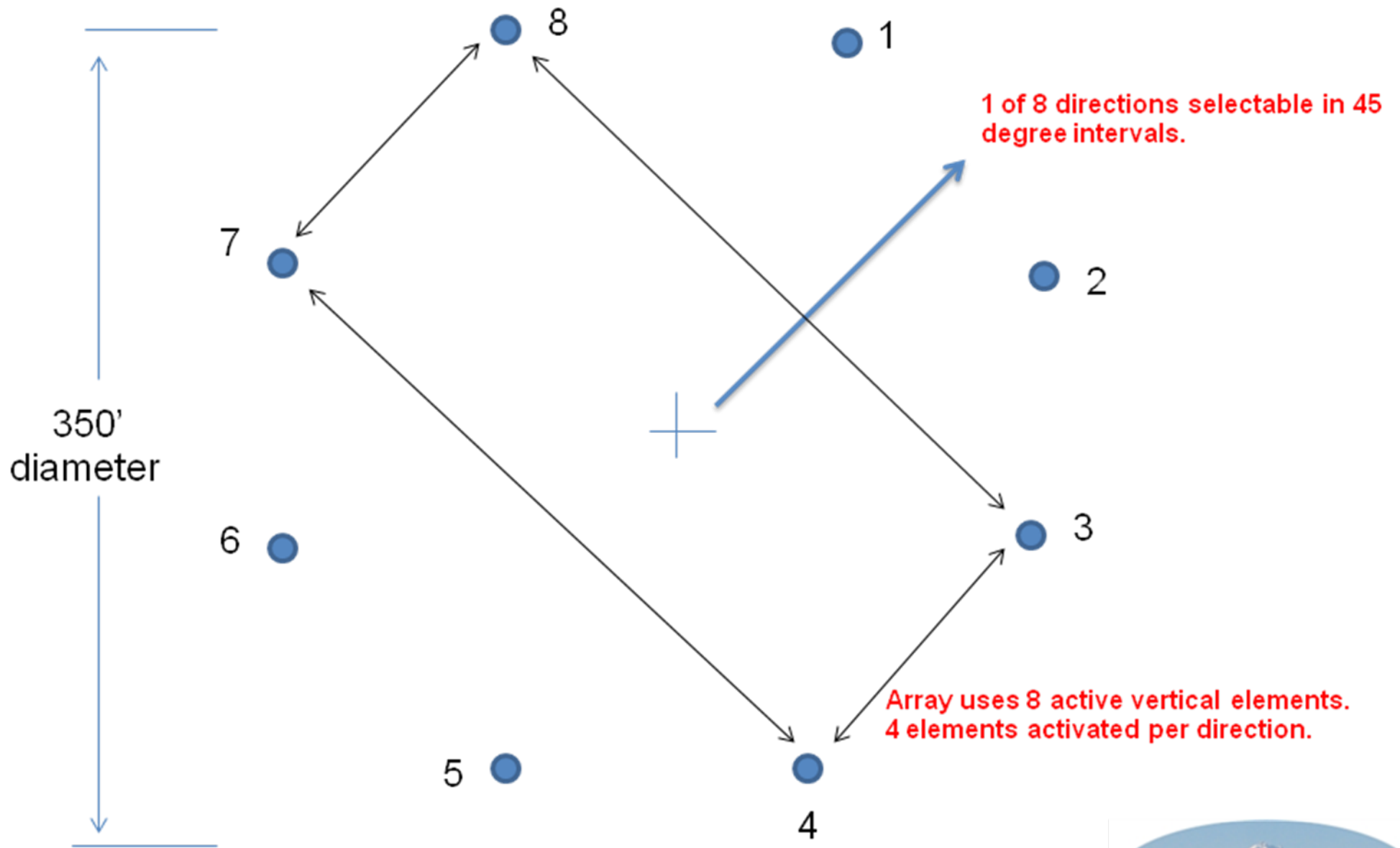
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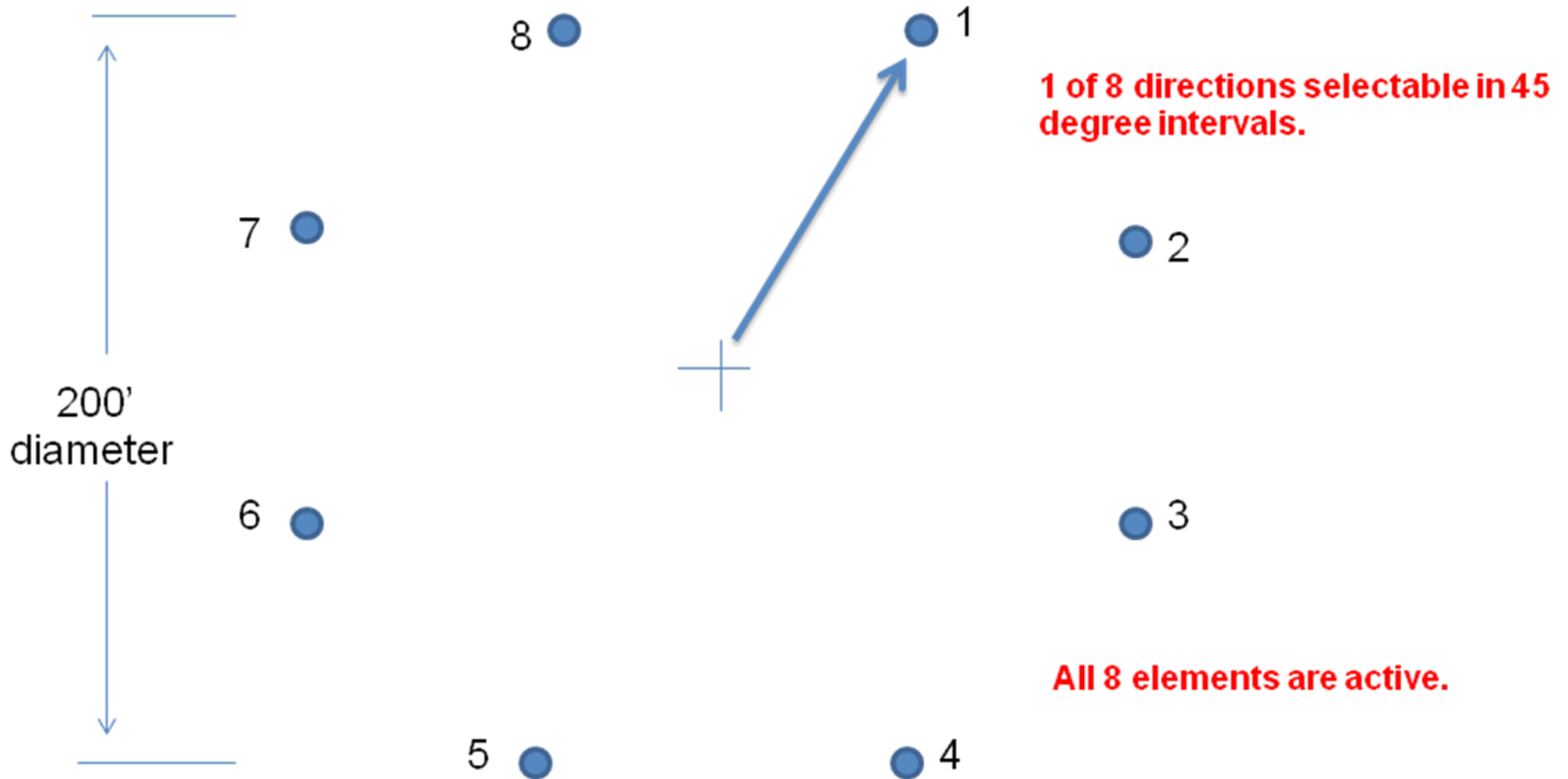
Hi-Z 8-350 & 200 Block Diagram



Hi-Z 8-350 Array 4 Active Elements



Hi-Z 8-200 All 8 Active Elements



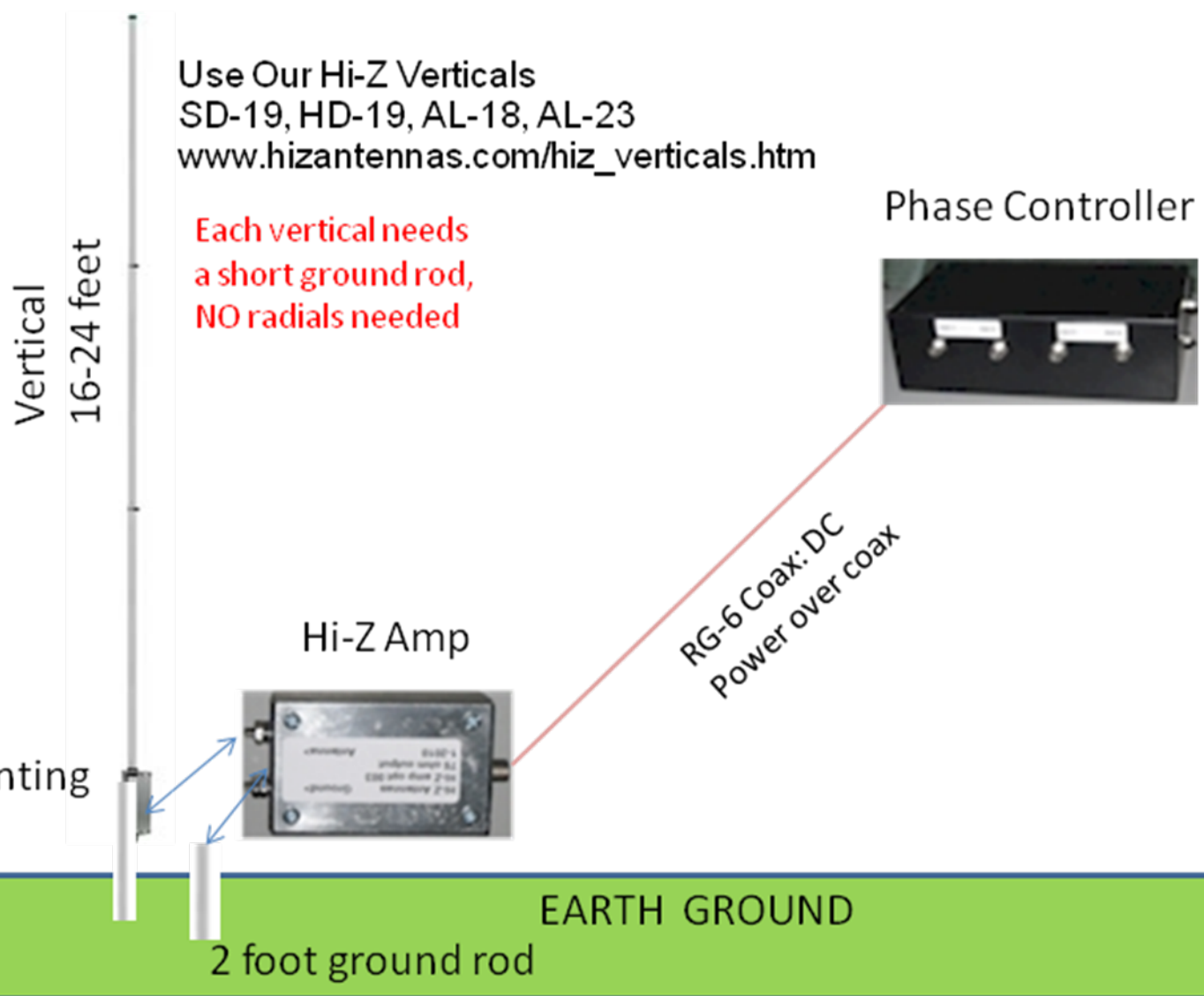
Hi-Z 8 Element Array Comparison Chart

Company	Model(s)	# of Directions	Spacing	Comments
Hi-Z Antennas™	Hi-Z 8-350	8	350 feet	RDF=12.5
Hi-Z Antennas™	Hi-Z 8-200	8	200 feet	Best RDF =13.5
No Other Companies	NA			
Homebrew	Difficult			

FEATURES

- Best RDF =13.5 (best RDF of any commercially available RX array)
- 8 Directions (NO Coverage Gaps)
- Best Systems for Unequaled TB Performance

Typical Hi-Z Antennas™ Vertical Installation



NOTE:

The element to Hi-Z amp connecting wire length is not critical but should remain less than 12 inches long and be equal length for each element in an array. The ground rod connection should be made with the same constraints..

