

6.10 Flared Skirt Kit

Applications

- Improves bandwidth of electrically short antennas
- Wider bandwidth performance simplifies combining multiple frequencies
- Optimized designs for latest digital standards including DRM and HD

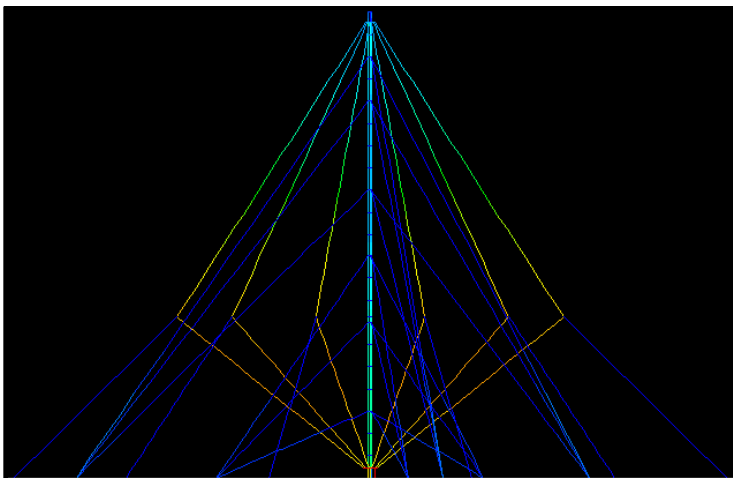
Features and Ratings

- Can be designed for frequencies in the following bands: 10kHz – 30MHz (VLF, LF, MF, HF)
- Power Level: 500W up to 2MW
- 3 Wire, 6 Wire, and other configurations are offered
- Structural design by a registered professional engineer
- Electrical design by a registered professional engineer

Materials included in Kit

All materials and drawings necessary for installation of the Flared Skirt are included in the kit. The materials and documentation include the following:

- Cable for the antenna elements (customer to cut on site per provided Kintronic Labs drawings)
- Uncut cable for tensioning the antenna outward, the feed ring, and the feed ring guying
- Standard strain insulators or high voltage strain insulators with corona rings depending on voltage levels
- All mounting and tensioning hardware including but not limited to Thimbles, Crosby Clips, Shackles, Pre-form guy grips, anchor steel assemblies, Galvanized steel tower accessories, U-bolts, turnbuckles, etc.
- Grounding clamps to bond the top of the antenna elements to the top of the mast
- Feed cables to connect the feed ring to the system output port
- Detailed installation drawings and designs by a licensed professional engineer



On the left an electrical analysis model of the Flared Antenna showing the current distribution on a 6 wire flared antenna. On the right is a picture of the feed ring of a Kintronic Labs 6 Wire Flared Antenna Installed in South Africa.

Kintronic Labs Inc. Flared Skirt Antennas are uniquely designed for each customer's frequency, power level, and land size. For inquiries or quotations please contact us at ktl@kintronic.com.