



Applications:

- Aids in high accuracy communications at difficult sites.



Counterpoise Earth Systems

About Kadevi

Kadevi was established in 1964 and started as a small scale industry manufacturing Communication Antennae and Pneumatic Telescopic Masts. Subsequently the company further expanded its wings into various manufacturing & service fields.

Kadevi has rapidly grown to a large scale industry just in 3 years and have received several awards and became pioneer in all fields. Today the company is having 1000 plus strong manpower.

Manufacturing Divisions

- Towers & Galvanising
- Telescopic & Guyed Masts
- Antenna Systems
- Steel Rolling Mill
- Fasteners
- AC Generators
- DC Generators

Service Divisions

- Transmission & Distribution
- Tower Installations
- EPC & TSP



Telescopic and Guyed Masts Division:

Telescopic and Guyed Masts division of Kadevi has several innovative, customer delight products such as :

- Counterpoise Earth Systems
- Pneumatic Telescopic Masts
- Push fit Masts
- Electro Mechanical Masts
- Rope Drive Masts
- Guyed Towers
- Ground Rapid Deployment Systems
- Cell On Wheels

Our intensive in-house design and strong focus on manufacturing process and quality systems, enables us to supply high quality products and deliver cost effective timely solutions. We also offer customer specific solutions.

Over the last 45 years, we have pioneered the art of making all types of Telescopic Masts and Guyed Towers to cater for the Vital and Mission critical Integral and Tactical Communication needs of Indian Armed Forces and other establishments.

We have been approved by DIRECTOR GENERAL OF QUALITY ASSURANCE (DGQA) for supply of Masts to Indian Army meeting stringent standards.

Counterpoise Earth Systems:

KADEVI has designed and manufactured counterpoise earth systems for DVOR used as navigational aids in the Airports. We have supplied several systems to Airport Authority of India and exported to Chile, Bangladesh, UAE, Qatar etc. We have also undertaken foundation and erection of some systems in other countries. Kadevi designed counterpoises are used in majority of airports in India.



The Counterpoise Earth System for DVOR is arranged for high accuracy communication at the difficult sites since it is immune to many of the siting problems and gives the required tolerances for the signals in space.

Counterpoise is arranged at a height of 5 meters above the ground level and is made of steel structure and the earth radial is made of steel wire mesh peripheral sheet. The advantage of the CP is that at the time of receiving signals, the earth reflection will remain the same, throughout the year in all seasons. The CP is circular/polygon in shape with 9M, 18M & 30M diameter. The place of installation of the CP shall be a plain-leveled ground and is selected by Airport authorities. The plan view of the C.P. is showing the perimeters, the mounting platform for central antenna, walkway, and trap door. One ladder is provided for the maintenance staff to climb through trap door, over to the C.P.

