

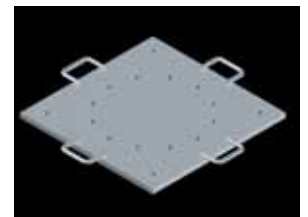
TEMPORARY BY-PASS FOR RE-CONDUCTORING WITH MINIMUM OUTAGE

Characteristics of Towers

- ✦ Foundation plate
- ✦ Articulating gimbal joints
- ✦ Column section
- ✦ Guy and insulator attachment plate
- ✦ Anchoring solution
- ✦ Composite insulated cross arm
- ✦ Composite insulator for Tension
- ✦ Hardware assembly for support and dead end insulator.
- ✦ Shield wire support and dead end assembly hardware.

Foundation Plate

- ✦ Base section of the tower.
- ✦ To support the tower by distributing its weight evenly to the ground.
- ✦ It can be installed at leveled ground or up to a 30 degrees angle.
- ✦ Designed for soft soils with minimal bearing capacity.
- ✦ Bearing capacity-capacity of soil to support the loads applied to the ground



Articulating gimbal joints



- ✦ Connecting the tower to the foundation plate.
- ✦ Allows a rotation of tower 360 degrees in all direction
- ✦ Makes it easy to erect the tower.
- ✦ Allows the tower installed on uneven ground.

Column section

- ✦ Column section are fabricated from lightweight, high strength structural (Gr. IS 2062).
- ✦ All welded construction insures and eliminates the loss of small bolted sections.
- ✦ Modular square design allows easy erection
- ✦ Column sections have one common length and all the section are interchangeable.
- ✦ Each corner acts as a integrated railing system
- ✦ which allows the gin pole and safety devices to slide from bottom to top without any interruption.
- ✦ Basic column section is 6.4m with other column heights of 4.27m and 2.13m.
- ✦ Section ends have very high area of contact.
- ✦ End machined to tight tolerance to eliminate alignment problem.



Guy and insulator attachment plate

- ✦ HT Steel (Gr. IS 2062) Guy plate used to connect the guy wire and polymer type insulator to the tower.
- ✦ It takes very less time to install.



Composite insulated cross arm

- ✦ Easy to install
 - ☆ Brace and horizontal insulators both come in one single unit.
 - ☆ For higher voltage we may provide different kind of insulated cross arm (with different sectional length and core rod diameter) hence its very much convenient for higher voltages also.
- ✦ Easy to handle
 - ☆ Insulated cross arms are polymer type insulators, hence less in weight
- ✦ Reduces ROW (Rights of way)
 - ☆ Insulated cross arms are not bulky types, it is easy to install and less in size.



Anchoring Solutions

We provide anchoring solutions for installation for modular structures used in emergency restoration deployment. We can provide full range of hardware fittings, accessories, foundation plates, stays / guys and anchors. Our solutions will enable service providers to use modular structures for rapid restoration of transmission line in case of damage to towers structures and sections.



Helix Anchor



Marshy Soil Large Anchor Plate



Rock Anchor



Ray Type Anchor



Cross Plate Anchor

Additional tower components & Tools

- ✦ Sliding Gin pole
- ✦ Ball joint Gin pole
- ✦ Fall arrester
- ✦ Working platform
- ✦ Resting step



Sliding Gin Pole



Fall arrester



Resting step



Working platform



Ball joint gin pole

SUPREME & CO. PVT. LTD.
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