



Modeling of Transmission lines



Transmission Tower

- Types of Transmission Towers**
- 1-Suspension Straight Towers
 - 2-Suspension Angle Towers
 - 3-Tubular Steel Poles
 - 4-Single and Double Circuit Towers
 - 5-Anchor and Angle Tension Towers
 - 6-Terminal Transmission Towers

What is a transmission line ?

In communications and electronic engineering, a transmission line is a specialized cable designed to carry alternating current (AC) of radio frequency



The main Objective

We try to have a constant Voltage & Frequency and also Power

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These Towers are a type of self-supporting tower that stands along straight sections of a transmission route. These towers are also sometimes called tangent towers. The only function of these types of towers is to suspend the wires. They do not have to create or regulate tension in any way

Suspension angle towers are built when it is necessary for the route of the electrical current to turn. These angle towers are usually designed so that the axis of the cross-arm bisects the angle of the conductors. This is the most efficient way to use the tower.

