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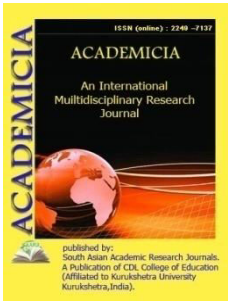

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A REVIEW ON TYPES OF ANTENNA

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ABSTRACT

In a wireless communication system, the antenna is the most essential component. Electrical signals are converted into radio waves via antennas, and vice versa. Antennas come in a variety of shapes and sizes, each with its own set of characteristics based on the signal transmission and reception requirements. In this article, we compare and contrast different kinds of antennas based on their forms, materials utilized, signal bandwidth, transmission range, and other factors. Our primary goal is to sort these antennas into categories based on their intended use. Antennas are the fundamental requirements for wireless communications in the contemporary age, since they are needed for quick and efficient transmission. This document will assist the design architect in selecting the best antenna for the job.

KEYWORDS: *Applications, Antenna, Dipole, Communications, Signal Transmission.*

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