

ABSTRACT

At this time, communication technology is getting improved rapidly because there are more demands on the needs of information. In radio communication, antennas have an important part. It is a structure that can alter guided wave through a transmission line into free-space wave.

An antenna should have a high gain and a large bandwidth. Beside those, VSWR must be one (VSWR =1). To get those specifications we need to learn the characteristic of an antenna.

At this final project will be realized Tricula Binomial Antenna model which as according to device draw technique with tired specification bandwidth 2,7 GHz at frequency region 0,3 GHz – 3 GHz with limited by $SWR \leq 1,5$ and have Omnidirectional pattern and Linier polarization. Inferential of This Tricula Binomial Antenna have been tested by specification quality and ready to be used to various need.