

**Realization of Exponential Dielectrical Material for Unidirectional Dwitunggal
Antenna Upper 100 MHz With VSWR $\leq 1,5$
And With SMA Male (50 Ω) Terminal**

ABSTRACT

In STT Telkom/ITTelkom has been created successfully a dielectrical material and the others for the Dwitunggal antenna and Bhinneka Tunggal antenna.

Especially for wideband Dwitunggal antenna has been created exponential-discrete dielectrical material. Now, we wil make dielectrical that has gradual intrinsic impedance and has exponential impedance.

This final project will be finished less from four months and cost less from Rp 50.000,00.

Keyword: exponential-discrete, exponential, gradual