

ABSTRACT

Packaged Integrated Antenna For Circular And Linear Polarizations

A high radiation efficiency antenna system in a package is achieved by the provision of a Dielectric Resonator Package. A Dielectric resonator package comprises a dielectric body of the package forming a dielectric resonator that resonates at radio frequency and a feed substrate having an upper and a lower surface, a feed structure formed on the upper surface of the feed substrate, and RF circuitry mounted on the lower surface of the feed substrate. The feed substrate is attached to the dielectric body of the package from the side of the feed structure.

Fig. 6A