

Abstracts

800 MHz Band Dielectric Channel Dropping Filter Using TM/sub 110/ Triple Mode Resonance

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High power and temperature stable "Channel Dropping Filters" for Transmission Multiplexer of base stations have been miniaturized to almost 1/3 the size of the dielectric TM/sub 010/ resonator filter by using triple mode resonance, and we reported on this at the last symposium. The triple mode resonator works as resonators of three independent one-section filters. The isolation level between each two filter was about 40dB.

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