

Abstracts

800 MHz Band Channel Dropping Filter Using TM/sub 010/ Mode Dielectric Resonator

T. Nishikawa, K. Wakino and Y. Ishikawa. "800 MHz Band Channel Dropping Filter Using TM/sub 010/ Mode Dielectric Resonator." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 199-201.

High Power "Channel Bandpass Filter" for Base station was miniaturized to 1/5 to 1/10 in dimension by using high K dielectric ceramics. The resonant mode is dielectric TM/sub 010/ and its unloaded Q is over 8,000 at 800 MHz. The frequency temperature stability of the filter is less than 0.5ppm/°c.

 [Return to main document.](#)