

Abstracts

An Active Microwave Filter with Dielectric Resonator

H. Matsumura and Y. Konishi. "An Active Microwave Filter with Dielectric Resonator." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 323-325.

An active microwave filter has been newly developed by using dielectric resonators combined with active elements. The purpose of this paper is to describe about the new technique and the performance of the active filter at 6 GHz band. The value of the equivalent unloaded Q of the resonant element exceeds 37,000 in our experiment.

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