

Abstracts

Novel Lowpass Harmonic Filters for Satellite Application

A.M.K. Saad. "Novel Lowpass Harmonic Filters for Satellite Application." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 292-294.

A new class of lowloss spurious-free lowpass filters in ridged waveguide have been developed for space application. These filters are currently being incorporated for INTELSAT VI at 4 GHz and SATCOM K satellites at 12 GHz and will likely replace the present generation of Zolotarev stepped-impedance or waffle-iron filter networks for future spacecraft.

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