

Abstracts

Compact Magnetostatic Wave Channelizer

M.R. Daniel and J.D. Adam. "Compact Magnetostatic Wave Channelizer." 1986 MTT-S International Microwave Symposium Digest 86.1 (1986 [MWSYM]): 481-482.

A compact 5 channel filter bank is described which uses the new technology of magnetostatic forward volume waves propagating in narrow epitaxial yttrium iron garnet strips. Results are presented showing S-band performance where a -55 dB out-of-band level is achieved and a 2 tone intermodulation level rejection of 50 dB at 25 MHz from the mid-band frequency.

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