

Abstracts

Mode-Selective Negative Coupling for Implementing Multiple Attenuation Poles in Evanescent-Mode Waveguide Filters

K. Iguchi, M. Tsuji and H. Shigesawa. "Mode-Selective Negative Coupling for Implementing Multiple Attenuation Poles in Evanescent-Mode Waveguide Filters." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 513-516.

This paper presents interesting improvements on evanescent-mode-waveguide bandpass filters which was reported by us at the 1994 IEEE International Microwave Symposium. Those improvements are now successful for newly introducing both the mode-selective negative coupling and the L-angled corner coupling scheme. Experimental results that we took prove the effectiveness of our improvements.

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