Abstracts

C-Band Externally-Equalized Superconductive Input Channel Filters

R.R. Mansour and V. Dokas. "C-Band Externally-Equalized Superconductive Input Channel Filters." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. I [MWSYM]): 187-190.

This paper demonstrates the feasibility of building externally-equalized superconductive filters for input multiplexer applications. Experimental results are presented for 4-pole and 8-pole externally-equalized superconductive filters having 1 % bandwidth. The comparison given between the measured results of equalized and non-equalized superconductive filters demonstrates the advantages of group-delay equalization for input channel filters.

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