

Abstracts

An Optically Switched Bank of HTS Bandstop Filters

N.O. Fenzi, K.F. Raihn, G.V. Negrete, E.R. Soares and G.L. Matthaei. "An Optically Switched Bank of HTS Bandstop Filters." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. I [MWSYM]): 195-198.

A high temperature superconducting (HTS) bank of optically switchable, narrow band, band reject filters is presented. The filter bank is designed to replace YIG filters in protecting the input of wide band receivers. The use of HTS allows large numbers of filters to be used while keeping insertion loss to a minimum.

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