

Abstracts

Computer-Aided Design of Millimeter-Wave E-Plane Filters (1982 [MWSYM])

Y.C. Shih, T. Itoh and L.Q. Bui. "Computer-Aided Design of Millimeter-Wave E-Plane Filters (1982 [MWSYM])." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 471-473.

A computer-aided design (CAD) algorithm has been developed for a class of E-plane band pass filters. The analysis portion of the algorithm is mathematically exact and numerically very efficient. Filters designed with this method have been fabricated and tested in Ka-band and V-band with excellent agreement with design.

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