

Abstracts

Application of the planar I/O terminal to dual-mode dielectric-waveguide filters

K. Sano and M. Miyashita. "Application of the planar I/O terminal to dual-mode dielectric-waveguide filters." 2000 Transactions on Microwave Theory and Techniques 48.12 (Dec. 2000 [T-MTT] (Special Issue on 2000 International Microwave Symposium)): 2491-2495.

Planar input/output terminals have been applied to dual-mode dielectric-waveguide filters. Two types of filter, for a 13-GHz Ku-band and a 22-GHz K-band were designed and fabricated only by metal plating on the surfaces of a ceramic block. They are realized with very small volumes of less than 0.05 cm³.

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