

Abstracts

Multilayer Hybrid in Circular Waveguide (1979 [MWSYM])

E.T. Harkless and D.N. Zuckerman. "Multilayer Hybrid in Circular Waveguide (1979 [MWSYM])." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 425-427.

A circular-waveguide multilayer dielectric sheet hybrid junction having nearly constant power division over 40-110 GHz and minimal spurious mode generation is designed using ray optics. Experimental results are given and broadband filter applications are examined.

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