

Abstracts

A 94 GHz Suspended Stripline Circulator

M.H. Arain. "A 94 GHz Suspended Stripline Circulator." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 78-79.

Suspended stripline W-Band (94 GHz) circulators have been successfully developed. Their design development and construction are described. The planar configuration makes them suitable for integration into millimeter wave systems. Even without optimization the insertion loss of such circulators is less than 1.5 dB and the isolation greater than 20 dB over 1.5 GHz frequency range.

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