

Abstracts

A New Millimeter-Wave Band-Splitting Filter Using Figure-8 Hybrids

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This paper describes the structure and 3-dB coupling characteristics of a newly developed "figure-8 hybrid" operated in a circular TE₁₁ mode, the experimental results for a band-splitting filter using the present hybrids and its application to the branching filter system for the millimeter-wave communication system.

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