

Abstracts

Frequency Diplexing with Waveguide Bifurcations (Correspondence)

G.P. Kefalas. "Frequency Diplexing with Waveguide Bifurcations (Correspondence)." 1962 *Transactions on Microwave Theory and Techniques* 10.3 (May 1962 [T-MTT]): 221-222.

A relatively simple form of microwave frequency diplexer consists of a waveguide E- or H-plane Y-junction terminated with bandpass filters in each of the two output ports. The E- or H-plane bifurcation, or zero-degree Y-junction, allows a compact diplexer design as shown in Fig. 1.

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