

Abstracts

A Circular Waveguide "Hybrid-T" and its Applications (Short Papers)

A.K. Jain and G.P. Srivastava. "A Circular Waveguide "Hybrid-T" and its Applications (Short Papers)." 1973 *Transactions on Microwave Theory and Techniques* 21.7 (Jul. 1973 [T-MTT]): 482-483.

A hybrid junction consisting of two mutually perpendicular rectangular waveguides, the broader side of one rotated through $\pi/2$, connected orthogonally to a circular waveguide, has been designed and its properties studied. The junction has many useful applications as a variable power divider, duplexer, tuner, and an element of an impedance bridge.

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