

Abstracts

Dual-Mode Coupler (Correspondence)

*R.C. Johnson, F.L. Cain and E.N. Bone. "Dual-Mode Coupler (Correspondence)." 1967
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The dual-mode coupler discussed in this correspondence is a junction in which two rectangular waveguides excite orthogonal dominant modes (TE₁₀ and TE₀₁) in a square waveguide. The coupler performs well over a relatively broad frequency band, and its simple configuration lends itself to fabrication by electroforming.

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