

# Abstracts

## 10-DB $X/\text{sub } L$ Cross Guide Coupler (Correspondence)

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*RZ. Gerlack. "10-DB  $X/\text{sub } L$  Cross Guide Coupler (Correspondence)." 1961 Transactions on Microwave Theory and Techniques 9.6 (Nov. 1961 [T-MTT]): 571-571.*

Two interesting points were noted while working with half-height cross guide couplers. The first was that if the same size coupling holes were used as in the full size waveguide, coupling was increased approximately 3 db. The second, and more important, was that the value of coupling was much more constant over a given frequency band, with essentially no change in directivity.

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