

Abstracts

Theory and Design of a Ku-Band TE/sub 21/-Mode Coupler

Y.H. Choung, K.R. Goudey and L.G. Bryans. "Theory and Design of a Ku-Band TE/sub 21/-Mode Coupler." 1982 Transactions on Microwave Theory and Techniques 30.11 (Nov. 1982 [T-MTT]): 1862-1866.

This paper describes a TE/sub 21/-mode tracking coupler for satellite earth stations communications antennas which require autotrack capability. The paper covers theoretical coupler designs as well as laboratory test results from Ku-band hardware.

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