

Abstracts

Coupler Crossbar Microwave Switch Matrix

P.T. Ho, J.R. Pelose and R. Maliszewski. "Coupler Crossbar Microwave Switch Matrix." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 239-241.

A microwave switch matrix is needed to provide dynamic transponder interconnectivity for the next generation of digital communication satellites. This paper describes the development of a unique 4 x 4 coupler crossbar microwave switch matrix which meets the future satellite-switched, time-division, multiple access (SS-TDMA) requirements.

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