

Abstracts

W-Band Fin-Line Broad-Band Directional Couplers with Different Coupling Ratio

Y.-Y. Chen and S. Li. "W-Band Fin-Line Broad-Band Directional Couplers with Different Coupling Ratio." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. 1 [MWSYM]): 379-381.

W-band broad band couplers, having 6, 10 and 3dB coupling ratio realized by coupled fin-line are reported. For looser coupling such as 6 and 10dB coupling we take advantage of over coupling configuration in order to lower the requirements of fin-line geometrical dimension. The experimental results of prototype couplers show a flat frequency response and low loss performance in a broad band.

 [Return to main document.](#)