

Abstracts

A microwave octave-band lumped element quadrature coupler

D.P. Andrews and C.S. Aitchison. "A microwave octave-band lumped element quadrature coupler." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1299-1302.

The design of microwave octave-band lumped element quadrature couplers is presented, including a 1-2 GHz microstrip implementation example. The design offers a more convenient and cost effective solution to tight coupling problems currently solved using Lange couplers or stripline hybrids.

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