

Abstracts

An S-Band Double Balanced Mixer with Very High LO/RF-Port and LO/IF-Port Isolation

J.J. Krantz. "An S-Band Double Balanced Mixer with Very High LO/RF-Port and LO/IF-Port Isolation." 1990 MTT-S International Microwave Symposium Digest 90.2 (1990 Vol. II [MWSYM]): 765-766.

A double balanced ring mixer which obtains very high LO/RF-port and LO/IF-port isolation due mainly to the orthogonal orientation of the LO- and RF-signals, is described. This mixer is constructed in stripline and provides a planar type circuit which overcomes the usual problems involved with mounting the diodes.

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