Abstracts

Printed-Circuit Realization of a Tapped Combline Bandpass Filter

C.-K.C. Tzuang and W.-T. Lo. "Printed-Circuit Realization of a Tapped Combline Bandpass Filter." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 131-134.

The design of a tapped combline bandpass filter realized by planar or quasi-planar commensurate length transmission lines is presented. The design procedure takes into account the composite effects of multiple quasi-TEM modes, couplings between non-adjacent microstrips, and cover height. An 8-to-12 GHz bandpass prototype is built and tested. Its performance agrees favorably with the theoretical result.

❑ Return to main document.