

Abstracts

Novel technique of phase velocity equalization for microstrip coupled-line phase shifters

Y.C. Leong and S. Weinreb. "Novel technique of phase velocity equalization for microstrip coupled-line phase shifters." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1453-1456.

By properly selecting the characteristic impedance and electrical length of the linking line between the coupled lines, phase velocity compensation for microstrip coupled-line phase shifters can be achieved. This technique does not introduce extra element or modification to the coupling in the main coupled lines. It is simple to implement and it has the potential to be used at mm-wave frequencies.

[Return to main document.](#)